tyco / Electronics

European *2006*
Product Catalog

Premises Cabling

AMP *NETCONNECT*

AMP**TRAC**™
Intelligent Infrastructure Management System

Fully automated system

- reduces costly **network failures** and **downtimes**

- integrates **network layer** and **physical layer management**

- offers 100% accurate **documentation** in **real-time**

- features integration into **facility management** tools

- improves **asset utilization**

- increases the **company's productivity**
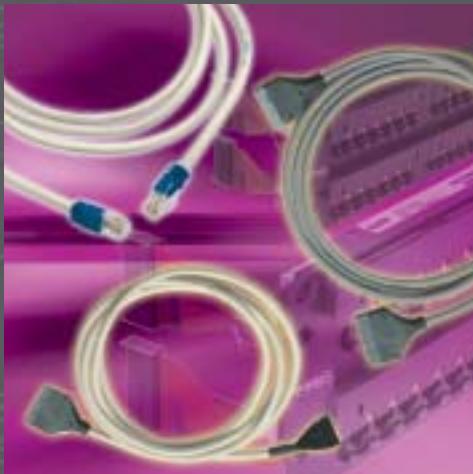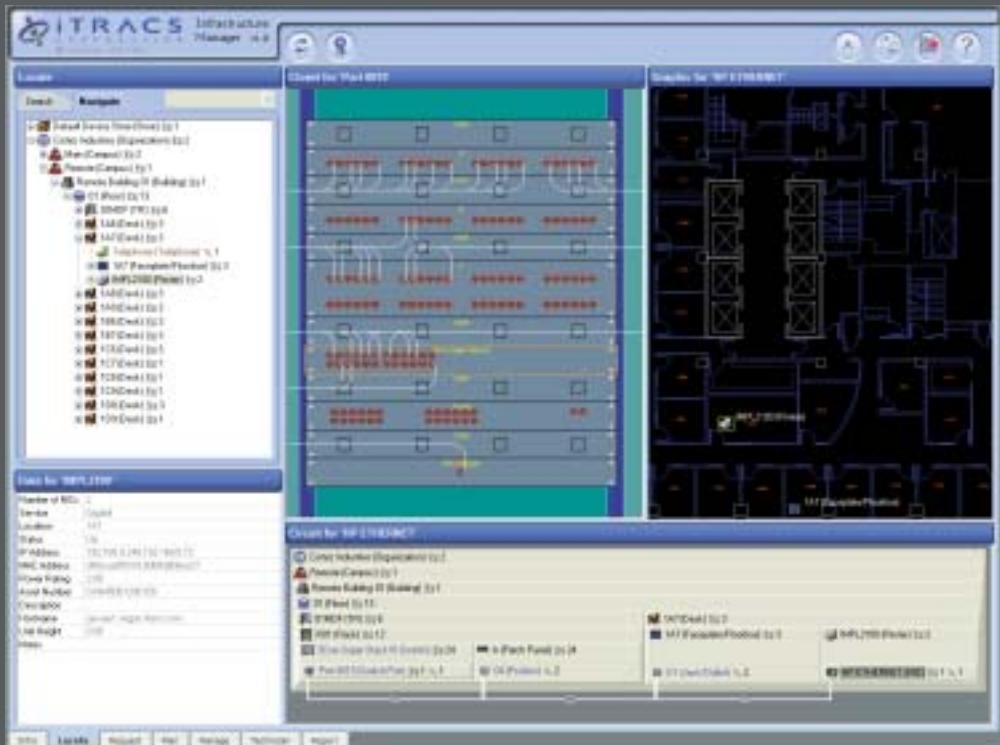
Prepare your network today for tomorrow's intelligent infrastructure management requirements – without an uplift in cost!

AMP**TRAC**™ *Ready!*

The AMPTRAC *Ready!* patch panel series enables you to prepare your network for an Intelligent Infrastructure Management System years before you actually implement the AMPTRAC system. These industry standard 19" patch panels are installed like any other typical passive panel in your rack. Once an Infrastructure Management is needed, just plug upgrade kits onto these panels and enjoy all features of the AMPTRAC System without any cutting off or disruption of the installed cabling system!

Content

Table of Contents

25 Years Warranty

Twenty-five years from now, you'll thank us.

We are confident that your AMP NETCONNECT system will keep performing to current industry standards. If ever it does not meet those standards within 25 years of the date of installation, we'll provide the reasonable parts and labor to replace or repair the AMP NETCONNECT product.

- **25 years coverage on system performance**
- **25 years coverage on components**
- **25 years coverage on applications**
- **Based on industry standards**
- **Includes parts and labor**
- **Tyco Electronics provides coverage directly to the end user— if something is wrong, Tyco Electronics will make it right**
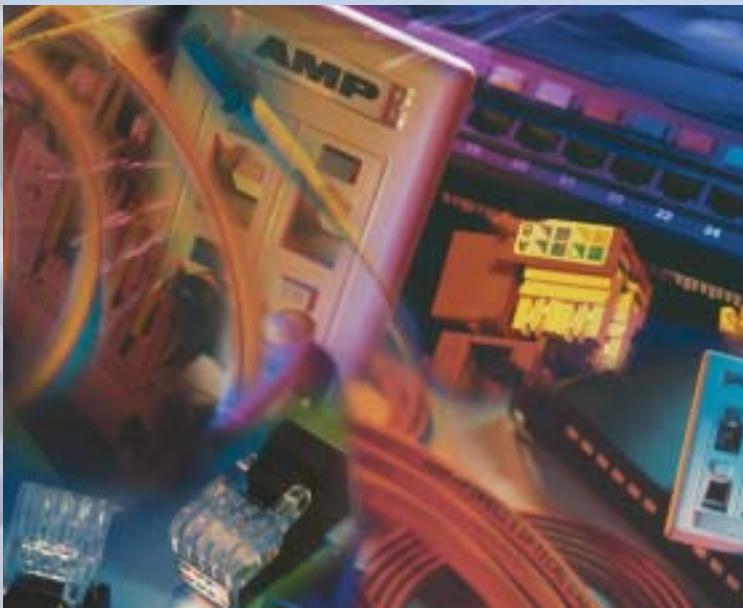
It's Standard Equipment

This coverage is automatically part of the package when you specify AMP NETCONNECT products end-to-end and when a Tyco Electronics-authorized NETCONNECT Design & Installation (ND&I) contractor registers the network design with Tyco Electronics and performs the actual installation in accordance with AMP NETCONNECT requirements.

Who's Covered

Unlike most system suppliers, Tyco Electronics provides warranty coverage directly to the end user.

Many suppliers provide coverage to the installers, who then provide coverage to the customers. But with the Tyco Electronics warranties, there are no middlemen. The warranties are between you and Tyco Electronics.

Which means if something goes wrong, we'll fix it.

Some conditions may apply. For more information contact your local AMP NETCONNECT sales office (see backpage of this catalog for Phone and Fax).

Turning the Right Components Into a Complete Network Infrastructure System

AMP NETCONNECT is one of the leading companies in premise cabling systems and offers a big spectrum of products for networking installations. The intention of this catalog is to provide a good overview over the available components in different technologies. Therefore the catalog is splitted into Unshielded Twisted Pair (Chapter 1), Shielded Twisted Pair (Chapter 2) and Fibre Optic (Chapter 3) Cabling Systems. Within these chapters the components are grouped by family (system cables, patch panels, connectivity, outlets, patch cords etc.). Unpopulated universal outlets and faceplates applicable for all 3 technologies can be found in Chapter 5. Active devices like Ethernet Switches, Media Converters or Wireless LAN equipment are located in Chapter 4. Tools, baluns, cable management and labeling accessories in Chapter 6 are completing the product portfolio.

To provide a quick guide for selecting the correct system components in an easy way, the following 3 pages offer a "system selection guideline":

- **Step 1:** Which technology is selected?
  Unshielded Twisted Pair (UTP), Shielded Twisted Pair (STP) or Fibre Optic (FO)
- **Step 2:** Which System Performance is needed?
  Category 3, 5E, 6 or 7 for Twisted Pair – OM1, 2, 3 (multimode) or OS1 (singlemode) for Fibre Optic
- **Step 3:** What kind of connector termination should be used?
  Classic IDC Block Jack, variable edge connector system or CrossConnect for Twisted Pair (TP) – Epoxy/splicing technologies, quick termination technology or a ready-terminated system for Fibre Optic

After these main questions are answered only those Connectivity Systems remain that meet the selected criteria. The planner can use the block arrow schemes on pages 4, 5 and 6 which refer to a channel link (see figure below). Following these block arrows from left to right will help finding the required system components quickly. Within one arrow all components are exchangeable and can be combined with other products of the following arrows.

Example: A shielded, Category 6 IDC Block Jack System should be created (➜ STP ➜ Cat. 6 ➜ IDC Block Jack).

Remaining options are the **SL110Connect System** with cable jacks (page 41) as well as the **AMP-TWIST-6S System** using either die-cast dual outlets (page 45) or also cable jacks (page 41). The patch panel choice for both systems is either the PCB-based 24-port-panel (page 31) or unpopulated patch panels (page 32) that can be filled with cable jacks. For system horizontal cable PiMF COMPACT 250 (page 28) is the minimum choice. Patch cords for this system are found on page 46, accessories in the related chapters mentioned at the bottom of each of the following 3 pages.

System Pathfinder

Outlet

Horizontal Cable

Patch Panel

Patch Cord

Patch Cord
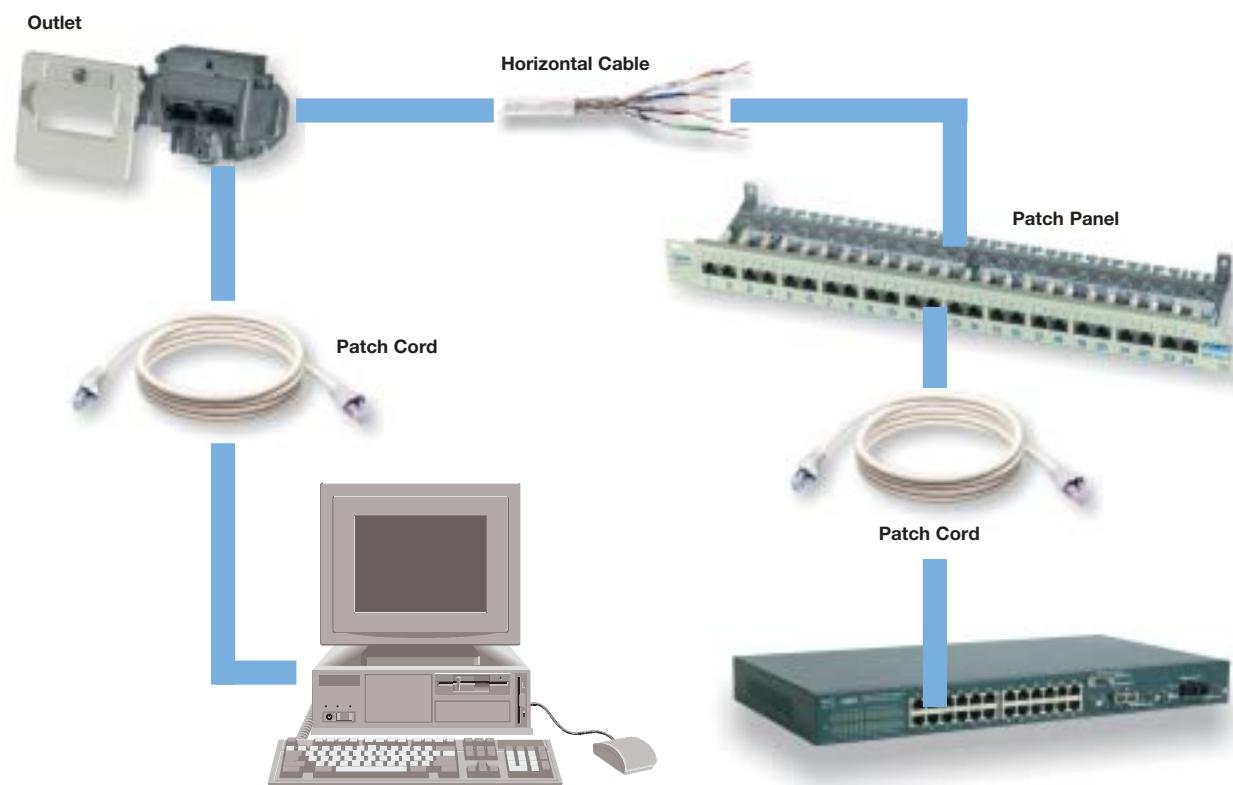
Link Model of a Complete Network System

System Pathfinder

Technology	Performance	Termination-Technique	Relevant System Components with Page References			
			Connect. System	Patch Panels	System Cables	Patch Cords
UTP	**Cat. 6**	IDC Block Jack	SL 110Connect 20 BS Low Profile 22	PCB Panel 10 SL 110C Panels 10, 11,13 Unpopulated Panels 13	U/UTP Horizontal 8	RJ-45 (LSZH or PVC) 23 CPT Cable Assembly 26
		CrossConnect	610XC Conn. Blocks 16 610XC Wiring Blocks 16 610XC Kits 17	610XC 19" Panel 16 610XC Frames 17	U/UTP Horizontal 8	610XC/610XC 25 610XC/RJ-45 25
	Cat. 5E	IDC Block Jack	SL 110Connect 20 SL Toolless 20 Standard 110Connect 21, 22 BS Low Profile 22 „Mosaic" Dual Outlet 22	PCB Panel 11 SL 110C Panel 11,13 6Block Panels 12 Unpopulated Panels 13	U/UTP Horizontal 8 25pair PS Cable 9	RJ-45 (LSZH or PVC) 24 CPT Cable Assembly 26
		CrossConnect	110XC Conn. Blocks 18 110XC Wiring Blocks 18 110XC Kits 19	110XC 19" Panel 18 110XC Frames 19	U/UTP Horizontal 8 25pair PS Cable 9	110XC/110XC 25 110XC/RJ-45 25
		Industrial	EtherSeal Kits 21 Faceplates/Enclosures 97	PCB Panel 11 SL 110C Panel 11,13 6Block Panels 12 Unpopulated Panels 13	U/UTP EtherSeal Cable 8	EtherSeal Cord 26
	Cat. 3	IDC Block Jack	SL 110Connect 20 SL Toolless 20 Standard 110Connect 21 Telephone Coupler 21	Telephone Panels 12 Unpopulated Panels 13	Telephone Backbone Cable 9 25pair PS Cable (Cat.5E) 9	RJ-45 (Cat.5E) 24

The following sections are valid for all systems on this page:

http://www.ampnetconnect.com/EMEA

System Pathfinder

Technology	Performance	Termination-Technique	Relevant System Components with Page References			
			Connect. System	**Patch Panels**	**System Cables**	**Patch Cords**
STP	**Cat. 7+**	Variable Edge Connector	ACO+ Inserts 33 ACO+ Outlet Kits 42-44 ACO+ Edge C. Mk II 43	ACO+ Panel Kits 30	PiMF 1200 MHz 28 PiMF 600 MHz 28 PiMF COMPACT 600 28	TERA™ 46 RJ-45 PiMF 600 MHz 46
	Cat. 6	IDC Block Jack	AMP-TWIST-6S (Jack) 41 SL 110Connect 41 AMP-TWIST-6S (Outlet) 45	PCB Panel 31 Modular Jack Panel 32 Unpopulated Panels 32	PiMF COMPACT 250 28	RJ-45 PiMF 600 MHz 46 CPT Cable Assembly 48
		Variable Edge Connector	ACO+ Inserts 34, 37 ACO+ Outlet Kits 42-44 ACO+ Edge C. Mk II 43	ACO+ Panel Kits 30	PiMF COMPACT 250 28	RJ-45 PiMF 600 MHz 46
	Cat. 5E	IDC Block Jack	SL 110Connect 41 SL Toolless 41 Standard 110Connect 41 „Mosaic" Dual Outlet 45	PCB Panel 31 Unpopulated Panels 32	SF/UTP Horizontal 29 F/UTP Horizontal 29	RJ-45 SF/UTP 47 RJ-45 F/UTP 47
		Variable Edge Connector	ACO+ Inserts 35-38 ACO+ Outlet Kits 42-44 ACO+ Edge C. Mk II 43	ACO+ Panel Kits 30	PiMF COMPACT 250 28	RJ-45 SF/UTP 47 RJ-45 F/UTP 47
		Industrial	EtherSeal Kits 41 Faceplates/Enclosures 97	PCB Panel 31 Unpopulated Panels 32	SF/UTP EtherSeal Cable 29	EtherSeal Cord 48

The following sections are valid for all systems on this page:

Ethernet LAN Solutions	85-92
Outlets/Faceplates	93-100
Twisted Pair Tools	103-104
Cable Management	113-114
Labeling	115-118

System Pathfinder

Technology	Performance	Termination-Technique	Relevant System Components with Page References			
			Connect. System	Patch Panels	System Cables	Patch Cords
FO	OS1 9 µm	Classic Epoxy/Splice	ST, SC, LC 70, 71, 80 / MT-RJ (Pigtail) 80	19" ST,SC,LC 57-63 / 19" MT-RJ 57,59-61,63 / Wall Mount Enclosure 64-67	Fiber Optic Cable 51-56	ST, SC, LC 82, 83 / MT-RJ 81, 83
		Quick Termination	LightCrimp ST 77 / LightCrimp Plus SC, LC 76	19" ST, SC 57-63 / Wall Mount Enclosure 64-66	Fiber Optic Cable 51-56	ST, SC, LC 82, 83 / MT-RJ 81, 83
		Ready-terminated	MPO Cassettes 60 / MPO Fanout Cords 84	19" Rack Mount 59 / Wall Mount Enclosure 64-66	MPO Trunk Cable 84	ST, SC, LC 82, 83 / MT-RJ 81, 83
	OM3 50 µm XG	Classic Epoxy/Splice	SC, LC 70, 71, 80 / MT-RJ (Pigtail) 80	19" SC,LC 57-63 / 19" MT-RJ 57,59-61,63 / Wall Mount Enclosure 64-67	Fiber Optic Cable 51-56	SC, LC 82, 83 / MT-RJ 81
		Quick Termination	LightCrimp Plus SC, LC 76 / MT-RJ XG 68, 69	19" SC, LC 57-63 / Wall Mount Enclosure 64-66	Fiber Optic Cable 51-56	SC, LC 82, 83 / MT-RJ 81
		Ready-terminated	MPO Cassettes 60 / MPO Fanout Cords 84	19" Rack Mount 59 / Wall Mount Enclosure 64-66	MPO Trunk Cable 84	SC, LC 82, 83 / MT-RJ 81
	OM2 50 µm & OM1 62,5 µm	Classic Epoxy/Splice	ST, SC, LC 70, 71, 80 / MT-RJ (Pigtail) 80	19" ST,SC,LC 57-63 / 19" MT-RJ 57,59-61,63 / Wall Mount Enclosure 64-67	Fiber Optic Cable 51-56	ST, SC, LC 82, 83 / MT-RJ 81, 83
		Quick Termination	LightCrimp ST, SC 77 / LightCrimp Plus ST, SC, LC 76 / MT-RJ 68, 69	19" ST, SC 57-63 / 19" MT-RJ 57,59-61,63 / Wall Mount Enclosure 64-66	Fiber Optic Cable 51-56	ST, SC, LC 82, 83 / MT-RJ 81, 83
		Ready-terminated	MPO Cassettes 60 / MPO Fanout Cords 84	19" Rack Mount 59 / Wall Mount Enclosure 64-66	MPO Trunk Cable 84	ST, SC, LC 82, 83 / MT-RJ 81, 83

The following sections are valid for all systems on this page:

Unshielded Twisted Pair (UTP)
Cabling Systems

- Cost effective components for fast and easy installation

- Complete Systems (System Cable, Patch Panels, Outlets, Patch Cords)

- Available from Cat. 3 up to Cat. 6:

    – Cat. 6: High-end technology,
      Pyramid Tested, Gigabit Ethernet
    – Cat. 5E: Reliable cost-effective technology,
      Gigabit Ethernet
    – Cat. 3: Standard technology for telephone
      applications, very cost effective and
      high density

- Patch panels & outlets in PCB design or for discrete jacks

- MRJ-21 connector system:
    – High density modular plugable cabling
      system supporting Gigabit Ethernet
    – Perfect for data center environments

- CrossConnect XC System:

    – reliable and cost effective high-density
      distribution system
    – Cat. 6 or 5E performance for Data and
      Voice Applications

1.

Unshielded Twisted Pair (UTP) Cabling Systems

Unshielded Twisted Pair Cabling

Cat. 6 U/UTP 250 MHz Cable
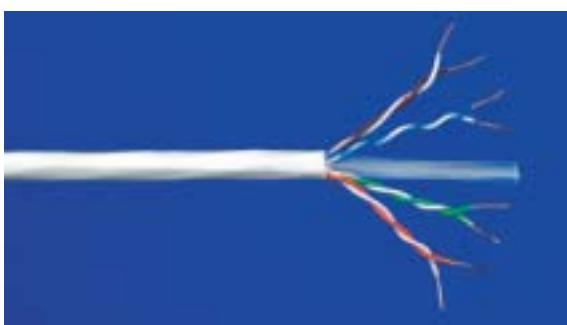
Product Facts:

- 250 MHz Cat. 6 U/UTP Cable acc. ISO 11801 2nd edition and EIA/TIA-854
- X-Web Spacer Design
- AWG 23

Color: white

-X	Packaging
-2	305 m, Reel-In-A-Box
-3	1000 m, Reel

Sheathing	Type	OD	Packaging	Part Number
PVC	Simplex	5,7 mm	see table	**0-0219584-X**
LSZH	Simplex	5,7 mm	see table	**0-0219585-X**
LSZH	Duplex	2 x 5,7 mm	500 m/Reel	**0-1711053-1**

Cat. 5E U/UTP 100 MHz Cable
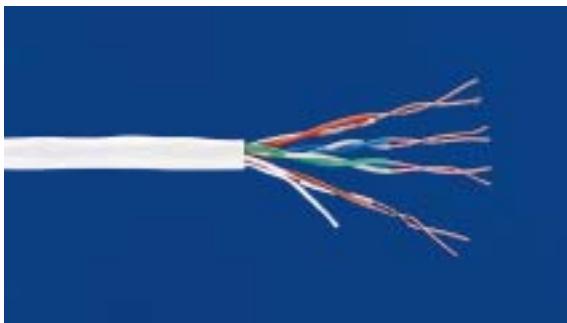
Product Facts:

- 100 MHz Cat. 5E U/UTP Cable
- Very low skew, supports Gigabit Ethernet 1000Base-T
- AWG 24

Color: white

-X	Packaging
-2	305 m, Pullbox
-3	1000 m, Reel

Sheathing	Type	OD	Packaging	Part Number
PVC	Simplex	5,1 mm	see table	**0-0057535-X**
LSZH	Simplex	5,1 mm	see table	**0-0057538-X**
LSZH	Duplex	2 x 5,1 mm	500 m/Reel	**0-1711043-1**

EtherSeal Cat. 5E U/UTP 100 MHz Cable
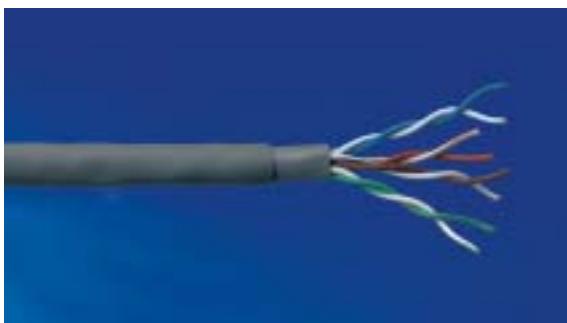
Product Facts:

- Meets or exceeds TIA/EIA and ISO Category 5E specifications
- Exceeds all requirements for Gigabit Ethernet
- Sunlight (UV) resistant for harsh environments
- Oil resistant, Level II
- Double jacketed – PVC
- CMR (Riser) rated

Color: grey

Sheathing	OD	Packaging	Part Number
Solid conductors	6,35 mm	305 m/Reel	**0-1499447-3**
Stranded conductors	6,60 mm	305 m/Reel	**0-1499448-3**

25 Pair Cat. 5 PowerSum Backbone Cable

Product Facts:

- Cat. 5 Backbone Cable, also for horizontal cabling
- 25 Pair construction
- AWG 24

Color: white

Sheathing	OD	Packaging	Part Number
PVC	12,2 mm	305 m/Reel	**0-0057534-1**
LSZH	12,2 mm	305 m/Reel	**0-0057537-1**

Multi-Pair Cat. 3 Backbone Cable

Product Facts:

- Cat. 3 Telephone Backbone Cable
- AWG 24
- LSZH Jacket

Color: white
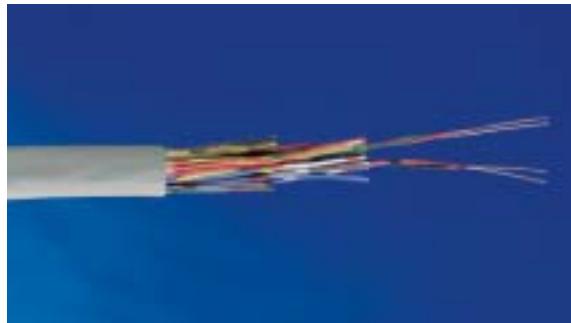
No. of Pairs	OD	Packaging	Part Number
50	15,4 mm	305 m/Reel	**0-0057888-4**
100	21,9 mm	305 m/Reel	**0-0057533-4**

Unshielded Twisted Pair Cabling

Unshielded Twisted Pair Cabling

Cat. 6 – AMPTRAC *Ready!* Patch Panel

Product Facts:

- 19″, 1 U, RJ-45 Patch Panel with 24 ports
- AMPTRAC *Ready!* version:
  prepared for AMPTRAC upgrade
- Full AMPTRAC version:
  fully equipped with AMPTRAC functionality
- Cat. 6 Pyramid Tested (see page 127)
- LSA+ tool compatible enhanced 110 IDC blocks
- Rear cable management
- Universal wiring – T568 A or B wiring pattern
- Protected PCB
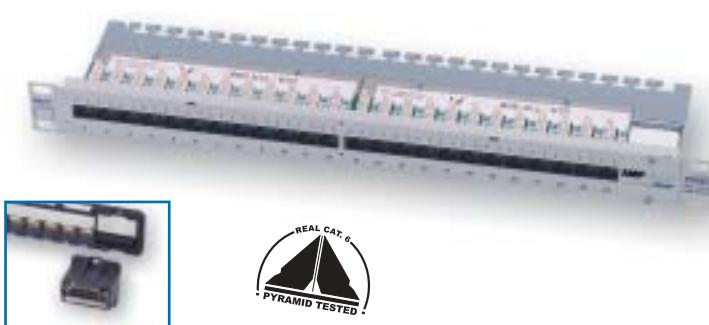
Description	Color	Part Number
Cat. 6 Full AMPTRAC patch panel	black (RAL 9005)	**0-1711147-1**
Cat. 6 AMPTRAC *Ready!* patch panel	black (RAL 9005)	**0-1711147-2**
Cat. 6 AMPTRAC *Ready!* patch panel	light grey (RAL 7035)	**0-1711147-3**
I/O Upgrade Kit from AMPTRAC *Ready!* to Full AMPTRAC	black	**0-1711148-1**

Cat. 6 – SL 110C Patch Panel without Rear Cable Management

Product Facts:

- 19″, RJ-45 patch panel (except 12 port)
- 12-Port Mini Patch Panel mounts vertically
  on 89D bracket (included)
- Cat. 6 Pyramid Tested (see page 127)
- Ports may be exchanged individually
- Universal wiring – T568 A or B wiring pattern
- Incl. strain relief
- Replacement labels and clear label covers
  on page 117
- Can be supplied with jacks loose packed
  to allow easier installation

Color: black

-X	Delivery
-1	Jacks installed
-2	Jacks loose

No. of Ports	Height	Part Number
12	mounts vertically	**0-1375013-X**
24	1 U	**0-1375014-X**
48	2 U	**0-1375015-X**
96	4 U	**0-1375016-X**

Cat. 6 – SL 110C Angled Patch Panel without Rear Cable Management

Product Facts:

- Angled patch panels with 140 mm protrusion
- Eliminates the need for horizontal cable
  management
- Cat. 6 Pyramid Tested (see page 127)
- Ports may be exchanged individually
- Universal wiring – T568 A or B wiring pattern
- Incl. strain relief
- Can be supplied with jacks loose packed
  to allow easier installation

Color: black

| No. of Ports	Height	Part Number
24	1 U	**0-1499600-1**
48	2 U	**0-1499601-1**

Cat. 6 – Inclined SL 110C Patch Panel with Rear Cable Management

Product Facts:

- 19″, 1 U, RJ-45 patch panel with 24 ports
- Cat. 6 Pyramid Tested (see page 127)
- Inclined design for ergonomic termination
- Ports may be exchanged individually
- Universal wiring – T568 A or B wiring pattern
- Replacement labels and clear label covers on page 117

Color: black

Description	Part Number
Cat. 6 – inclined PCB Patch Panel with rear cable management	0-0336653-1

REAL CAT. 6
PYRAMID TESTED
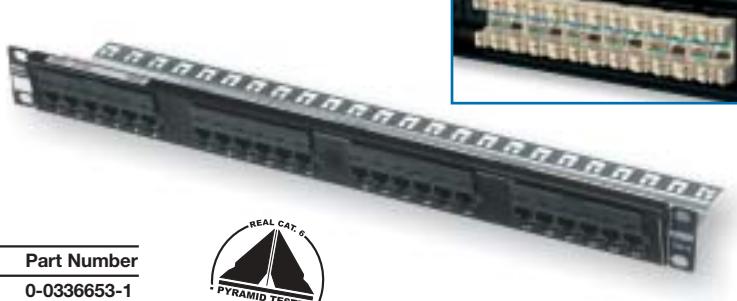
Cat. 5E – PCB Patch Panels with Rear Cable Management

Product Facts:

- 19″, 1 U, RJ-45 patch panel with 24 or 48 ports
- Cat. 5E
- LSA+ & 110Connect compatible connecting blocks
- Universal wiring – T568 A or B wiring pattern
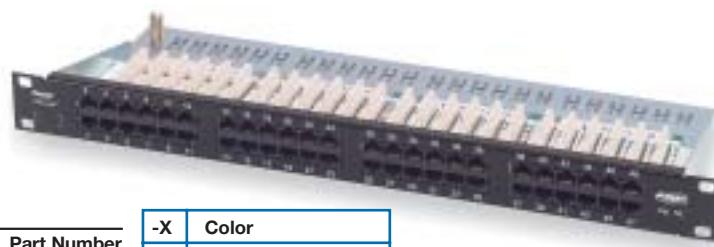
No. of Ports	Height	Color	Part Number
24	1 U	see table	0-0336695-X
48	1 U	black	0-1711284-1

-X	Color
-1	grey (RAL 7032)
-2	black (RAL 9005)
-3	light grey (RAL 7035)

Cat. 5E – SL 110C Patch Panel without Rear Cable Management

Product Facts:

- 19″, RJ-45 patch panel (except 12 port)
- 12-Port Mini Patch Panel mounts vertically on 89D bracket (included)
- Cat. 5E
- Ports may be exchanged individually
- Universal wiring – T568 A or B wiring pattern
- Replacement labels and clear label covers on page 117
- Can be supplied with jacks loose packed to allow easier installation

Color: black

No. of Ports	Height	Part Number
12	mounts vertically	0-1479153-X
24	1 U	0-1479154-X
48	2 U	0-1479155-X
96	4 U	0-1479156-X

-X	Delivery
-1	Jacks installed
-2	Jacks loose

Cat. 5E – SL 110C Angled Patch Panel without Rear Cable Management

Product Facts:

- Angled patch panels with 140 mm protrusion
- Eliminates the need for horizontal cable management
- Cat. 5E
- Ports may be exchanged individually
- Universal wiring – may be terminated to T568A or T568B
- Incl. strain relief
- Can be supplied with jacks loose packed to allow easier installation

Color: black

No. of Ports	Height	Part Number
24	1 U	0-1499602-1
48	2 U	0-1499603-1

Unshielded Twisted Pair Cabling

Unshielded Twisted Pair Cabling

Cat. 5E – 6Block Patch Panels without Rear Cable Management

Product Facts:

- 19″, RJ-45 patch panel (except 12 port)
- 12-Port Mini Patch Panel mounts vertically on 89D bracket (included)
- Cat. 5E
- LSA+ & 110Connect compatible connecting blocks
- Termination also with 5 Pair tool supported
- Universal wiring – T568 A or B wiring pattern
- Replacement labels and clear label covers on page 117

Color: black

No. of Ports	Height	Part Number
12	mounts vertically	0-0406390-1
24	1 U	0-0406330-1
48	2 U	0-0406331-1
96	4 U	0-0406332-1

Cat. 5E – Inclined 6Block Patch Panel with Rear Cable Management

Product Facts:

- 19″, 1 U, RJ-45 Patch Panel with 24 ports
- Cat. 5E
- With rear cable management
- Inclined design for ergonomic termination
- LSA+ & 110Connect compatible connecting blocks
- Termination also with 5 Pair tool supported
- Universal wiring – may be terminated to T568A or T568B
- Replacement labels and clear label covers on page 117

Color: black

Description	Part Number
Cat. 5E – inclined PCB patch panel with rear cable management	0-0336647-1

Cat. 3 – PCB Patch Panels for Telephone Applications

Product Facts:

- 19″, 1 U, telephone panel with 50 ports
- With rear cable management
- LSA+ compatible connecting blocks
- Connecting blocks for conductor diameter range of 0.4–0.65 mm
- 3 holders for additional cable strain relief (comfort)
- Additional options for active pin presentation allow full PBX support
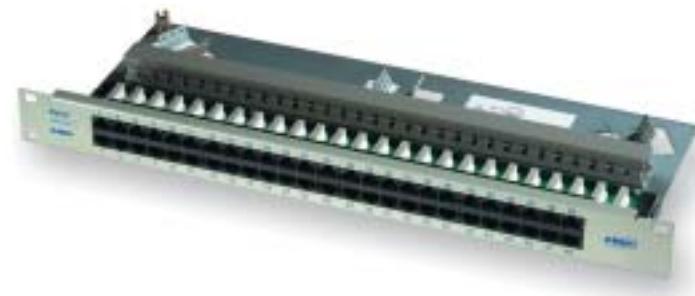
Description	Active Pins	Color	Part Number
50 port panel	3-4-5-6	light grey (RAL 7035)	0-1394060-1
50 port panel	3-4-5-6	black (RAL 9005)	0-1394060-2
50 port panel	3-4-5-6	green (RAL 6032)	0-1394060-4
50 port panel	1-2-4-5	black (RAL 9005)	0-1394060-5
50 port panel	4-5-7-8	black (RAL 9005)	0-1394060-6

Unshielded Twisted Pair Cabling

Angled Modular Patch Panel (loaded)

Product Facts:

- 24 port angled patch panel in low profile design
- Allows installation within an enclosed cabinet environment
- Panels are supplied with connectivity (24 Jacks)

Description	Part Number
Hi-D patch panel with 24 Cat. 6 SL UTP Jacks	**1-1671079-1**
Hi-D patch panel with 24 Cat. 5E SL UTP Jacks	**1-1671079-3**

Flushmount AMPTRAC *Ready!* Patch Panel (unloaded)

Product Facts:

- 19″ unloaded flushmount patch panel to be equipped with different SlimLine jacks (see below)
- AMPTRAC *Ready!* version:
  prepared for AMPTRAC upgrade
- Full AMPTRAC version:
  fully equipped with AMPTRAC functionality
- Hosts up to 24 SL Jacks
- AMPTRAC functionality not applicable for jacks with dustcover

Description	Color	Part Number
Full AMPTRAC Unloaded flushmount panels	black (RAL 9005)	**0-1711278-1**
AMPTRAC *Ready!* unloaded flushmount panels	black (RAL 9005)	**0-1711278-2**
AMPTRAC *Ready!* unloaded flushmount panels	light grey (RAL 7035)	**0-1711278-3**
I/O Upgrade Kit from AMPTRAC *Ready!* to Full AMPTRAC	black	**0-1711148-1**

Flushmount Patch Panels (unloaded)

Product Facts:

- 19″ Standard Modular unloaded panel to be equipped with different modular jacks (see below)
- Including VDE 0100 ground clamp
- Ports are iconable (see page 115)

-X	Color
-1	black (RAL 9005)
-2	grey (RAL 7032)
-3	creme white (RAL 9001)
-4	light grey (RAL 7035)

16-Port-Panel

24-Port-Panel
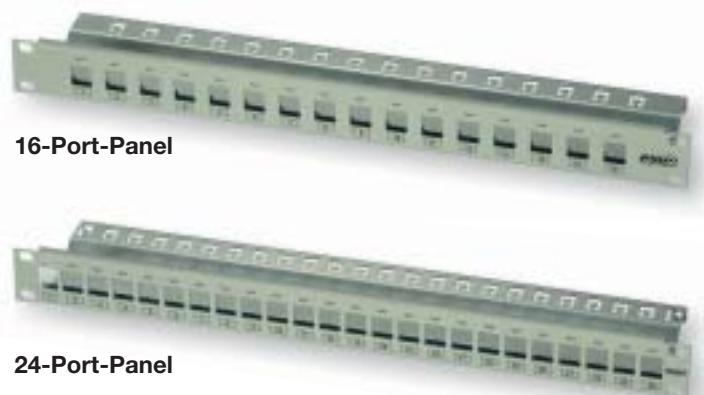
No. of Ports	Height	Part Number
16	1 U	**0-0336525-X**
24 (for SL Jacks only)	1 U	**0-0336526-X**

The Panels above are to be equipped with the following Modular Jacks (see also Page 20/21):

SL 110Connect Jack   **110Connect Jack**   **SL Toolless Jack**

MRJ-21 Snap-In Cassette

Product Facts:

- High-performance copper cabling for guaranteed application performance
- High-density, small form factor connectivity
- Factory terminated and tested solution
- Modular, pluggable solution
- Application specific cassettes

Color: black

Description	MRJ-21 Plugs	RJ-45 Ports	Part Number
Snap-In Cassette for 100Base-T	1	12	**0-1479452-1**
Snap-In Cassette for 1000Base-T	1	6	**0-1479459-1**
19" Frontplate panel 1 U for 3 Cassettes	–	–	**0-1479451-1**

MRJ-21 Patch Panel, 1 U, Angled

Product Facts:

- High-performance copper cabling for guaranteed application performance
- High-density, small form factor copper connector interface
- Angled panel with 48 ports on 1 U
- Available with AMPTRAC functionality
- Factory terminated and tested solution
- Modular, pluggable solution
- Angled panel with 140 mm protrusion

Color: black

Description	MRJ-21 Plugs	RJ-45 Ports	Part Number
Standard angled panel for 1000Base-T	8	48	**0-1777052-1**
AMPTRAC angled panel for 1000Base-T	8	48	**0-1777053-1**

MRJ-21 Patch Panel, 1 U, Straight

Product Facts:

- High-performance copper cabling for guaranteed application performance
- High-density, small form factor copper connector interface
- Straight panel with 24 or 48 ports on 1 U
- Available with AMPTRAC functionality
- Factory terminated and tested solution
- Modular, pluggable solution

Color: black

Description	MRJ-21 Plugs	RJ-45 Ports	Part Number
Standard straight panel for 1000Base-T	4	24	**0-1777029-1**
AMPTRAC straight panel for 1000Base-T	4	24	**0-1777029-2**
Standard straight panel for 100Base-T	4	48	**0-1435965-1**
AMPTRAC straight panel for 100Base-T	4	48	**0-1777042-1**
Standard straight panel for 1000Base-T	8	48	**0-1435971-1**
AMPTRAC straight panel for 1000Base-T	8	48	**0-1777041-1**

MRJ-21 to MRJ-21 Cable Assemblies

Product Facts:

- Factory terminated and tested solution
- Modular, pluggable solution
- Dense CHAMP style double blade design with offset jackscrew
- Contact layout and footprint for differential pairs creates reduced crosstalk and built-in compension
- 1,5 to 4 times the port density of 2 x 6 Stacked Mod Jack (RJ-45)
- 3 times the port density of an RJ-21
- Jackscrew for positive latching and secure cable retention

Color: grey

Description	Part Number
MRJ-21 to MRJ-21, 180° back shell	**Y-1499515-X**

Y- -X	Length	Y- -X	Length
0- -5	5,0 m	**2- -5**	25,0 m
1- -0	10,0 m	**3- -0**	30,0 m
1- -5	15,0 m	**3- -5**	35,0 m
1- -7	17,0 m	**4- -0**	40,0 m
2- -0	20,0 m	**5- -0**	50,0 m

Other lengths on request!

MRJ-21 to RJ-21 Cable Assemblies

Product Facts:

- Factory terminated and tested solution
- Modular, pluggable solution
- Dense CHAMP style double blade design with offset screw fixing
- Contact layout and footprint for differential pairs creates reduced crosstalk and built-in compensation
- 1,5 to 4 times the port density of 2 x 6 Stacked Mod Jack (RJ-45)
- Jackscrews for positive latching and secure cable retention

Color: grey

Description	Part Number
MRJ-21 to RJ-21, 180° back shell	**Y-1499516-X**

Y- -X	Length	Y- -X	Length
0- -5	5,0 m	**2- -5**	25,0 m
1- -0	10,0 m	**3- -0**	30,0 m
1- -5	15,0 m	**3- -5**	35,0 m
1- -7	17,0 m	**4- -0**	40,0 m
2- -0	20,0 m	**5- -0**	50,0 m

Other lengths on request!

MRJ-21 Fanout Cable to Multiple RJ-45 Plugs

Product Facts:

- Factory terminated and tested solution
- Modular, pluggable solution
- Dense CHAMP style double blade design with offset screw fixing
- Contact layout and footprint for differential pairs creates reduced crosstalk and built-in compensation
- 3 times the port density of an RJ-21
- Jackscrews for positive latching and secure cable retention

Color: grey

Description	Part Number
MRJ-21 to 6 RJ-45 for 1000Base-T, 180° back shell	**Y-1499520-X**
MRJ-21 to 12 RJ-45 for 100Base-T, 180° back shell	**Y-1499521-X**

Y- -X	Length	Y- -X	Length
0- -5	5,0 m	**2- -5**	25,0 m
1- -0	10,0 m	**3- -0**	30,0 m
1- -5	15,0 m	**3- -5**	35,0 m
1- -7	17,0 m	**4- -0**	40,0 m
2- -0	20,0 m	**5- -0**	50,0 m

Other lengths on request!

Unshielded Twisted Pair Cabling

610XC – Connecting Blocks

Product Facts:

- Cat. 6
- Double sided IDC contacts
- Terminates AWG 22–24 (solid or stranded) wires
- 4 or 5 Pair blocks with corresponding colour coding
- UL listed

No. of Pairs	Part Number
4 pairs	0-1479245-1
5 pairs	0-1479246-1

610XC – Wiring Blocks with Mounting Legs

Product Facts:

- Wiring blocks including mounting legs
- Cat. 6
- Terminates AWG 22–24 (solid or stranded) wires
- Available for 50, 100 or 300 pairs for wall mount applications
- Labeling accessories available (see page 118)
- UL listed

No. of Pairs	Part Number
50 pairs	0-1479247-1
100 pairs	0-1479248-1
300 pairs	0-1479249-1

610XC – Wiring Blocks without Mounting Legs

Product Facts:

- Wiring blocks without mounting legs
- Cat. 6
- Terminates AWG 22–24 (solid or stranded) wires
- Labeling accessories available (see page 118)
- UL listed

No. of Pairs	Part Number
50 pairs	0-1479250-1
100 pairs	0-1479251-1

610XC – 19″ Panels

Product Facts:

- Cat. 6
- For installation of 610XC CrossConnect in 19″ racks
- Cable management panels available as an option (see page 113)
- UL listed

No. of Pairs	Height	Part Number
100 pairs	1 U	0-1479622-1
200 pairs	2 U	0-1479623-1
400 pairs	5 U	0-1479624-1

AMP NETCONNECT

610XC – CrossConnect Kits

Product Facts:

- Kits include wiring blocks with mounting legs, connecting blocks as well as label holders and labels
- Cat. 6
- Terminates AWG 22–24
- Available for 50, 100 or 300 pairs
- For 4 and 5 pairs
- Labeling accessories available (see page 118)
- UL listed

No. of Pairs Wiring Blocks	No. of Pairs Connecting Blocks	Part Number
50 pairs	4 pairs	**0-1479252-1**
50 pairs	5 pairs	**0-1479253-1**
100 pairs	4 pairs	**0-1479254-1**
100 pairs	5 pairs	**0-1479255-1**
300 pairs	4 pairs	**0-1479256-1**
300 pairs	5 pairs	**0-1479257-1**

610XC – CrossConnect Distribution Frame Kits

Product Facts:

- Easy and fast installation
- Reduces time for planning and installation of a complete distribution frame
- Kits include metal back frame, wiring blocks, connecting blocks, cable management troughs as well as designation strips and appropriate hardware
- UL listed

No. of Pairs Wiring Blocks	No. of Pairs Connecting Blocks	Part Number
300 pairs	4 pairs	**0-1479258-1**
300 pairs	5 pairs	**0-1479259-1**
900 pairs	4 pairs	**0-1479260-1**
900 pairs	5 pairs	**0-1479261-1**

Unshielded Twisted Pair Cabling

CrossConnect Patch Cords see Page 25

Unshielded Twisted Pair Cabling

110XC – Connecting Blocks
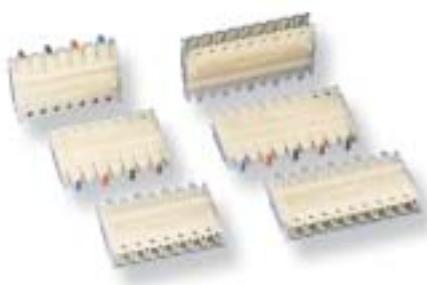
Product Facts:
- Cat. 5E
- Double sided IDC contacts
- Terminates AWG 22–26 (solid or stranded) wires
- 3, 4 or 5 Pair blocks with corresponding colour coding
- UL listed

No. of Pairs	Part Number
3 pairs	0-0558400-1
4 pairs	0-0558401-1
5 pairs	0-0558402-1

110XC – Wiring Blocks with Mounting Legs
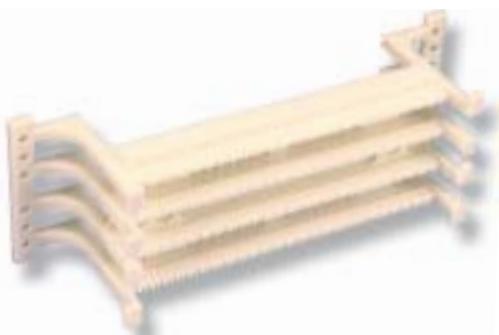
Product Facts:
- Wiring blocks including mounting legs
- Cat. 5E
- Terminates AWG 22–26 (solid or stranded) wires
- Available for 50, 100 or 300 pairs for wall mount applications
- Labeling accessories available (see page 118)
- UL listed

No. of Pairs	Part Number
50 pairs	0-0558841-1
100 pairs	0-0558842-1
300 pairs	0-0558843-1

110XC – Wiring Blocks without Mounting Legs
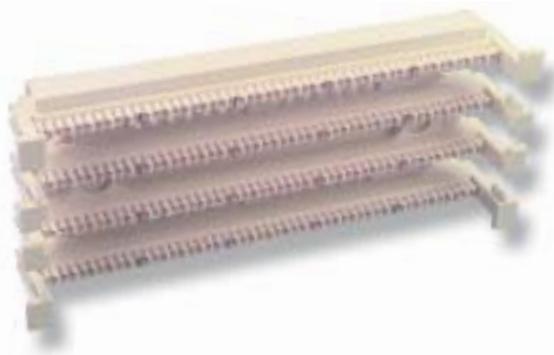
Product Facts:
- Wiring blocks without mounting legs
- Cat. 5E
- Terminates AWG 22–26 (solid or stranded) wires
- Labeling accessories available (see page 118)
- UL listed

No. of Pairs	Part Number
50 pairs	0-0558839-1
100 pairs	0-0558840-1

110XC – 19″ Panels

Product Facts:
- Cat. 5E
- For installation of 110XC CrossConnect in 19″ racks
- Cable management panels available as an option (see page 113)
- UL listed

No. of Pairs	Height	Part Number
100 pairs	1 U	0-0558635-1
200 pairs	2 U	0-0558637-1
400 pairs	5 U	0-0558639-1

110XC – CrossConnect Kits

Product Facts:

- Kits include wiring blocks with mounting legs, connecting blocks as well as label holders and labels
- UL listed

No. of Pairs Wiring Blocks	No. of Pairs Connecting Blocks	Part Number
50 pairs	3 & 4 pairs	**0-0569432-1**
50 pairs	4 & 5 pairs	**0-0569433-1**
50 pairs	5 pairs	**0-0569434-1**
100 pairs	3 & 4 pairs	**0-0569438-1**
100 pairs	4 & 5 pairs	**0-0569439-1**
100 pairs	5 pairs	**0-0569440-1**
300 pairs	3 & 4 pairs	**0-0569444-1**
300 pairs	4 & 5 pairs	**0-0569445-1**
300 pairs	5 pairs	**0-0569446-1**

110XC – CrossConnect Distribution Frame Kits

Product Facts:

- Easy and fast installation
- Reduces time for planning and installation of a complete distribution frame
- Kits include metal back frame, wiring blocks, connecting blocks, cable management troughs as well as designation strips and appropriate hardware
- UL listed

No. of Pairs Frames	No. of Pairs Connecting Blocks	Part Number
300 pairs	3 & 4 pairs	**0-0569853-1**
300 pairs	4 & 5 pairs	**0-0569854-1**
300 pairs	5 pairs	**0-0569855-1**
900 pairs	3 & 4 pairs	**0-0569856-1**
900 pairs	4 & 5 pairs	**0-0569857-1**
900 pairs	5 pairs	**0-0569858-1**

Unshielded Twisted Pair Cabling

CrossConnect Patch Cords see Page 25

Unshielded Twisted Pair Cabling

SL Series 110Connect Jacks

Product Facts:
- SlimLine (SL) Series: Thin profile improves outlet density
- Cat. 6 Pyramid Tested (see page 127)
- Jacks available with integral dust covers
- 90° or 180° cable dress for easy termination
- Universal wiring label permits wiring to T568A or T568B
- Bend-limiting strain relief included
- UL listed

Y- -X	Color
0- -1	beige
0- -2	black
0- -3	white
0- -4	grey
0- -5	orange
0- -6	blue
0- -7	red
0- -8	yellow
0- -9	green

Description	Wiring pattern	Part Number
Cat. 6 RJ-45 Jacks		
Cat. 6	T568A/T568B	**0-1375055-X**
Cat. 6 with dust cover	T568A/T568B	**0-1375187-X**
Cat. 5E RJ-45 Jacks		
Cat. 5E	T568A/T568B	**0-1375191-X**
Cat. 5E with dust cover	T568A/T568B	**0-1375190-X**
Cat. 3 RJ-11 Jacks		
Cat. 3 (6-Pos.)	RJ11C/RJ14C/RJ25C	**0-1375192-X**
Cat. 3 (6-Pos.) with dust cover	RJ11C/RJ14C/RJ25C	**0-1375193-X**

SL Series Toolless Jacks

Product Facts:
- SlimLine (SL) Series: Thin profile improves outlet density
- Cat. 5E
- Terminate with common pliers
- Hinged stuffer cap simplifies assembly
- Jacks available with integral dust covers
- Universal wiring label permits wiring to T568A or T568B
- UL listed

Y- -X	Color
0- -1	beige
0- -2	black
0- -3	white
0- -4	grey
0- -5	orange
0- -6	blue
0- -7	red
0- -8	yellow
0- -9	green

Description	Wiring pattern	Part Number
Cat. 5E Jacks		
Cat. 5E	T568A/T568B	**0-1116604-X**
Cat. 5E with dust cover	T568A/T568B	**0-1339189-X**
Cat. 3 Jacks		
Cat. 3 (6-Pos.)	RJ11C/RJ14C/RJ25C	**0-1116603-X**
Cat. 3 (6-Pos.) with dust cover	RJ11C/RJ14C/RJ25C	**0-1339188-X**

For Faceplates see Chapter 5 (page 93)

Unshielded Twisted Pair Cabling

Standard 110Connect Jacks

Product Facts:

● Cat. 5E
● Universal wiring label permits wiring to T568A or T568B
● UL listed

Y-	-X	Color
0-	-1	beige
0-	-2	black
0-	-3	white
0-	-4	grey
0-	-5	orange
0-	-6	blue
0-	-7	red
0-	-8	yellow
0-	-9	green

Description	Wiring pattern	Part Number
Cat. 5E RJ-45 Jacks		
Cat. 5E	T568A/T568B	**0-0406372-X**
Cat. 3 RJ-45 and RJ-11 Jacks		
Cat. 3 (8-Pos.)	T568A/T568B	**0-0406373-X**
Cat. 3 (6-Pos.)	RJ11C/RJ14C/RJ25C	**0-0406375-X**

Modular Telephone-Couplers

Product Facts:

● Straight or angled Cat. 3 telephone coupler
● SL Series, fits into all faceplates
● Connects either 2 RJ-45 (8 pos.) or 2 RJ-11 (6 pos.) plugs

Color: black

Description	Cable Exit	Part Number
RJ-45 Coupler (8 pos.)	straight (180°)	**0-0555052-1**
RJ-45 Coupler (8 pos.)	angled (90°)	**0-0555051-1**
RJ-11 Coupler (6 pos.)	straight (180°)	**0-0555050-1**
RJ-11 Coupler (6 pos.)	angled (90°)	**0-0555049-1**

EtherSeal Jack and Coupler Kits

Product Facts:

● Category 6 or 5E and IP67 compliant, unshielded
● Traditional 110 tool and toolless versions
● Front-loading into enclosures and outlets
● Push-On and Twist Off Mating Action
● Blind mate with Polarized Keying
● Tactile feedback confirms full mating
● Optional Outlet Cap with tether available

Description	Part Number
Cat. 6 SL Series 110Connect Modular Jack Kit	**0-1479565-2**
Cat. 5E SL Series 110Connect Modular Jack Kit	**0-1479563-2**
Cat. 5E SL Series Toolless Modular Jack Kit	**0-1479561-2**
Cat. 5E SL Series In-Line Coupler Kit	**0-1479599-2**
Jack/Outlet Cap	**0-1479591-2**

For Faceplates see Chapter 5 (page 93)

Unshielded Twisted Pair Cabling

Cat. 6 Low Profile Jacks (British Standard)
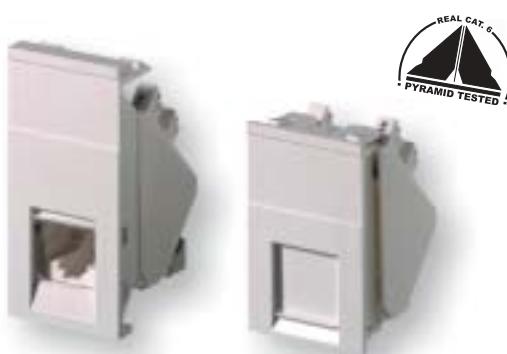
Product Facts
- Fixed wired RJ-45 Outlet
- Cat. 6 Pyramid Tested (see page 127)
- With integrated shutter
- Corresponding BS 50 mm mounting frame available (see page 98)

Color: signal white (RAL 9003)

Description	Part Number
Cat. 6 Low Profile Jack 25 x 50 mm	**0-0336633-1**
Cat. 6 Low Profile Jack LJ6C	**0-0336631-1**

Cat. 5E Low Profile Jacks (British Standard)

Product Facts
- Fixed wired RJ-45 Outlet
- Cat. 5E
- With integrated shutter
- Corresponding BS 50 mm mounting frame available (see page 98)

Color: signal white (RAL 9003)

Description	Part Number
Cat. 5E Low Profile Jack 25 x 50 mm	**0-1339044-1**
Cat. 5E Low Profile Jack LJ6C	**0-1339042-1**

Cat. 5E Outlet-Kit 110Connect (DIN)

Product Facts
- DIN Flushmount kit incl.
  1 or 2 Standard 110Connect jacks
- Cat. 5E
- With integrated shutters
- With labeling field

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

Description	Part Number
Cat. 5E 1port-outlet	**Y-0966106-5**
Cat. 5E 2port-outlet	**Y-0966105-5**

Cat. 5E Dual Outlet 45 x 45 mm "Mosaic"

Product Facts
- Hard wired dual RJ-45 Outlet unshielded
- Cat. 5E
- Compatible to "Mosaic"
- With integrated shutters
- Side cable exit
- Individual ports are icon-able (see page 115)

Color: pure white (RAL 9010)

Description	Part Number
Cat. 5E Dual Outlet 45 x 45 mm "Mosaic"	**0-0284232-1**

Patch Cords

Unshielded Twisted Pair Cabling

Cat. 6 Patch Cord RJ-45 LSZH

Product Facts:
- Category 6 according to ISO/IEC 11801 2nd Ed. and EN-50173-1
- 4 Pair stranded U/UTP cable
- LSZH sheath
- Color-matched snagless boots
- Universal wiring

Color	Part Number
white	**Y-1711091-X**
blue	**Y-1711094-X**
grey	**Y-1711093-X**
yellow	**Y-1711097-X**
red	**Y-1711096-X**
green	**Y-1711095-X**

Y-	-X	Length
1-	**-1**	0,5 m
0-	**-1**	1,0 m
0-	**-2**	2,0 m
0-	**-3**	3,0 m
0-	**-5**	5,0 m
1-	**-0**	10,0 m

Other lengths and colors on request!

Cat. 6 Patch Cord RJ-45 PVC (white)

Product Facts:
- Category 6 according to ISO/IEC 11801 2nd Ed.
- 4 Pair stranded U/UTP cable AWG 24
- Snagless boots
- Universal wiring
- PVC sheath
- UL listed

Color	Part Number
white	**Y-1499001-X**

Y-	-X	Length
0-	**-9**	0,5 m
0-	**-5**	1,0 m
0-	**-6**	2,0 m
0-	**-7**	3,0 m
0-	**-8**	5,0 m
1-	**-1**	10,0 m

Other lengths on request!

Cat. 6 Patch Cord RJ-45 PVC (colored)

Product Facts:
- Category 6 according to ISO/IEC 11801 2nd Ed.
- 4 Pair stranded UTP cable AWG 24
- Color-matched snagless boots
- Universal wiring
- PVC sheath
- UL listed

Color	Part Number
blue	**Y-0219886-X**
grey	**Y-0219885-X**
yellow	**Y-0219890-X**
red	**Y-0219888-X**
green	**Y-0219887-X**

Y-	-X	Length
0-	**-2**	0,6 m
0-	**-3**	0,9 m
0-	**-7**	2,1 m
1-	**-0**	3,0 m
1-	**-6**	4,9 m
3-	**-0**	9,1 m

Other lengths and colors on request!

Cat. 5E Patch Cord RJ-45 LSZH

Product Facts:

- Category 5E according to ISO/IEC 11801 2nd Ed. and EN-50173-1
- 4 Pair stranded U/UTP cable
- LSZH sheath
- Color-matched snagless boots
- Universal wiring

Color	Part Number
white	Y-1644076-X
blue	Y-1711035-X
grey	Y-1711038-X
yellow	Y-1711037-X
red	Y-1711028-X
green	Y-1711034-X

Y- -X	Length
1- -1	0,5 m
0- -1	1,0 m
0- -2	2,0 m
0- -3	3,0 m
0- -5	5,0 m
1- -0	10,0 m

Other lengths and colors on request!

Cat. 5E Patch Cord RJ-45 PVC (white)
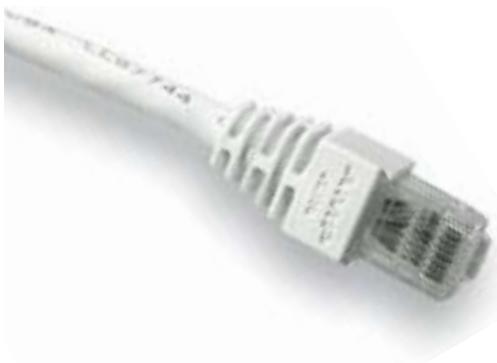
Product Facts:

- Category 5E according to ISO/IEC 11801 2nd Ed.
- 4 Pair stranded U/UTP cable AWG 24
- Snagless boots
- Universal wiring
- PVC sheath
- UL listed

Color	Part Number
white	Y-0941761-X

Y- -X	Length
0- -9	0,5 m
0- -5	1,0 m
0- -6	2,0 m
0- -7	3,0 m
0- -8	5,0 m
1- -1	10,0 m

Other lengths on request!

Cat. 5E Patch Cord RJ-45 PVC (colored)

Product Facts:

- Category 5E according to ISO/IEC 11801 2nd Ed.
- 4 Pair stranded U/UTP cable AWG 24
- Color-matched snagless boots
- Universal wiring
- PVC sheath
- UL listed

Color	Part Number
blue	Y-0219242-X
grey	Y-0219241-X
yellow	Y-0219246-X
red	Y-0219244-X
green	Y-0219243-X

Y- -X	Length
0- -2	0,6 m
0- -3	0,9 m
0- -7	2,1 m
1- -0	3,0 m
1- -6	4,9 m
3- -0	9,1 m

Other lengths and colors on request!

Cat. 6 610XC to RJ-45 Patch Cord

Product Facts:

- Patch cord 610XC to RJ-45 Cat. 6
- 4 Pair stranded U/UTP cable, AWG 24 conductors, universal wiring
- PVC sheath
- UL listed

Color: black

Y- -X	Length
0- -2	0,6 m
0- -4	1,2 m
0- -6	1,8 m
0- -8	2,4 m
1- -0	3,0 m

Description	Wiring pattern	Part Number
4 pairs 610XC to RJ-45	T568A	**Y-1499414-X**
4 pairs 610XC to RJ-45	T568B	**Y-1499413-X**

Cat. 6 610XC to 610XC Patch Cord

Product Facts:

- Patch cord 610XC to 610XC Cat. 6
- 4 Pair stranded U/UTP cable, AWG 24 conductors, universal wiring
- PVC sheath
- UL listed

Color: black

Y- -X	Length
0- -2	0,6 m
0- -4	1,2 m
0- -6	1,8 m
0- -8	2,4 m
1- -0	3,0 m

Description	Part Number
1 pair 610XC to 610XC	**Y-1479265-X**
2 pairs 610XC to 610XC	**Y-1479266-X**
4 pairs 610XC to 610XC	**Y-1479267-X**

Cat. 5E 110XC to RJ-45 Patch Cord

Product Facts:

- Patch cord 110XC to RJ-45 Cat. 5E
- 4 Pair stranded U/UTP cable, AWG 24 conductors, universal wiring
- PVC sheath
- UL listed

Color: grey

Y- -X	Length
0- -2	0,6 m
0- -4	1,2 m
0- -6	1,8 m
0- -8	2,4 m
1- -0	3,0 m

Description	Wiring pattern	Part Number
2 pairs 110XC to RJ-45	T568A/10BASE-T	**Y-0569685-X**
2 pairs 110XC to RJ-45	T568B/10BASE-T	**Y-0569669-X**
4 pairs 110XC to RJ-45	T568A	**Y-0569527-X**
4 pairs 110XC to RJ-45	T568B	**Y-0569528-X**

Cat. 5E 110XC to 110XC Patch Cord

Product Facts:

- Patch cord 110XC to 110XC Cat. 5E
- 4 Pair stranded U/UTP cable, AWG 24 conductors, universal wiring
- PVC sheath
- UL listed

Color: grey

Y- -X	Length
0- -2	0,6 m
0- -4	1,2 m
0- -6	1,8 m
0- -8	2,4 m
1- -0	3,0 m

No. of Pairs	Part Number
1 pair 110XC to 110XC	**Y-0569523-X**
2 pairs 110XC to 110XC	**Y-0569524-X**
3 pairs 110XC to 110XC	**Y-0569525-X**
4 pairs 110XC to 110XC	**Y-0569526-X**

Unshielded Twisted Pair Cabling

Consolidation Point Transition Cable Assemblies

Product Facts:

- Unshielded Twisted Pair Cable Assemblies
- Save time and money on moves adds and changes
- Performance according to ISO/IEC 11801 2nd Ed. and EN-50173-1
- Form connections between work area outlet and consolidation point
- SL Series 110Connect Jack to modular plug
- Solid wire cable
- LSZH cable sheath
- Universal wiring

Color: white

Y- -X	Length
0- -5	5,0 m
1- -4	7,5 m
1- -0	10,0 m
1- -5	15,0 m
2- -0	20,0 m

Performance	Part Number
Category 6	**Y-1711027-X**
Category 5E	**Y-1711040-X**

EtherSeal Cat. 5E Patch Cord

Product Facts:

- Category 5E and IP67 compliant
- Unshielded cable assembly
- Utilizes EtherSeal, industrial grade Cat. 5E cable
- Factory-terminated and tested for quality
- Push-On and Twist Off Mating Action
- Blind mate with Polarized Keying
- Tactile feedback confirms full mating
- Optional Plug Cap with available tether

Color: grey

Y- -X	Length
0- -3	0,9 m
0- -5	1,5 m
0- -7	2,1 m
1- -0	3,0 m
1- -5	4,5 m

Description	Part Number
EtherSeal to EtherSeal	**Y-1479601-X**
EtherSeal to Standard RJ-45	**Y-1479602-X**
Plug Cap with Tether	**0-1479592-2**
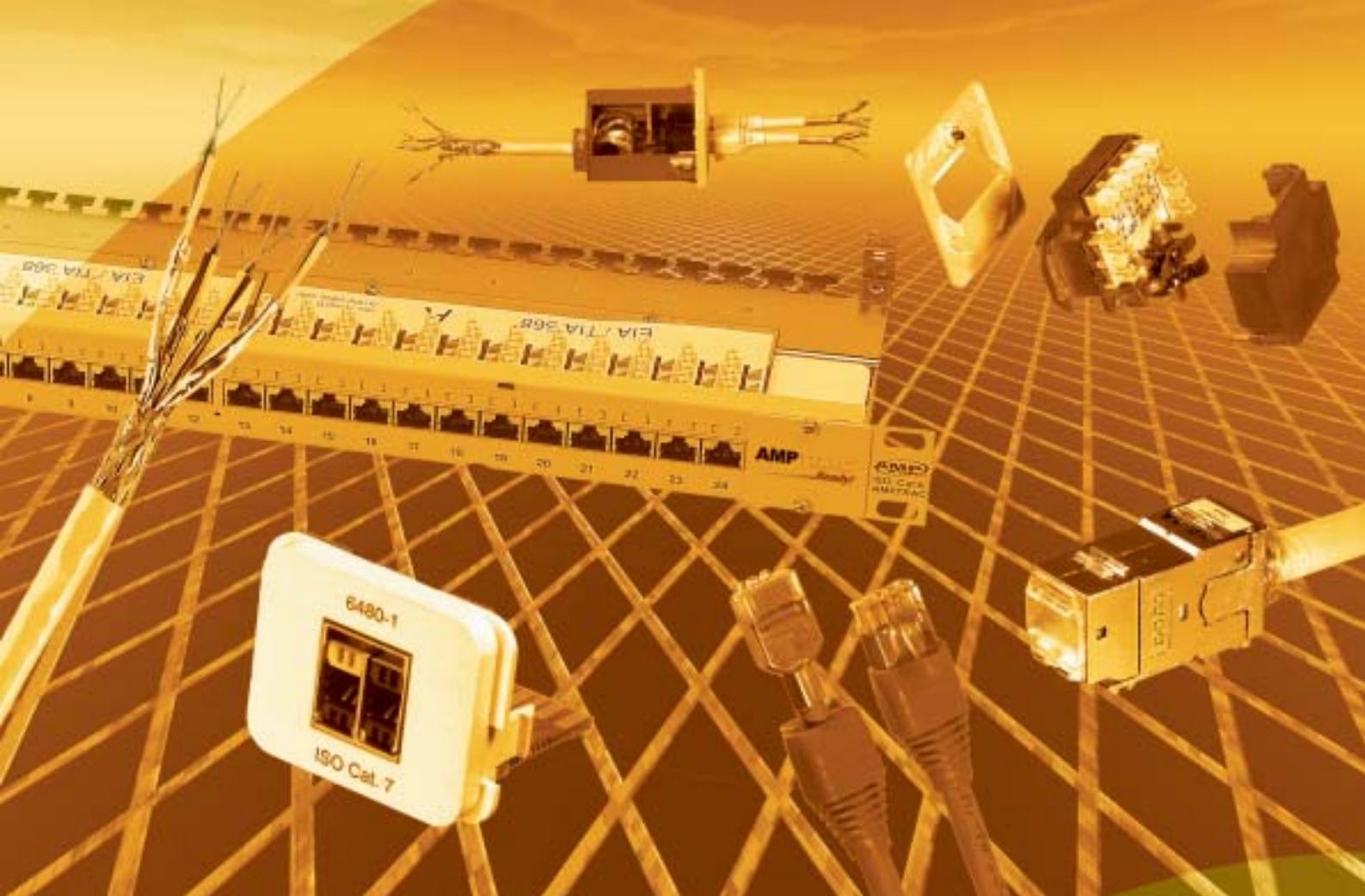
Shielded Twisted Pair (STP) Cabling Systems

● Optimized EMC and transmission quality based on various shielding technologies (PiMF, S-FTP, FTP), maximized bandwith for copper cabling systems

● Complete systems (system cables, patch panels, wall outlets, patch cords)

● Available from Cat. 5E to Cat. 7:
  – Cat. 7: 600/1000 MHz bandwith, maximum future proof, most sophisticated services like 10 Gigabit Ethernet, 1000Base-TX2, CATV and multi-media
  – Cat. 6/6A: 250/500 MHz high end connecting hardware, Pyramid Tested according to latest de-embedded test standards, supports 10 Gigabit Ethernet
  – Cat. 5/5E: proven 100 MHz technology, cost efficient, supports Gigabit Ethernet (1000Base-T)

● Patch panels and wall outlets are either PCB-based or with Keystone Jacks

● AMP CO Plus System
  – modular and flexible
  – sheath sharing
  – all possible services and interfaces

2.

Shielded Twisted Pair (STP) Cabling Systems

Shielded Twisted Pair Cabling

PiMF 1200 MHz Cable
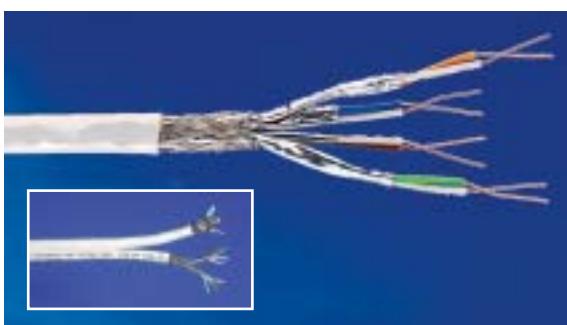
Product Facts:

- 1200 MHz high performance S/FTP cable
- Enables broadband applications like CATV, multi-media etc
- Individually shielded pairs (aluminium foil) plus overall copper braid
- AWG 22 or 23 solid conductor
- LSZH sheath material

Color: white

AWG	Type	OD	Packaging	Part Number
22	Simplex	8,1 mm	1000 m/Reel	**0-1499101-1**
23	Simplex	8,0 mm	1000 m/Reel	**0-1499102-1**
22	Duplex	2 x 8,1 mm	500 m/Reel	**0-1711003-1**
23	Duplex	2 x 8,0 mm	500 m/Reel	**0-1711004-1**

Cat. 7 PiMF 600 MHz Cable
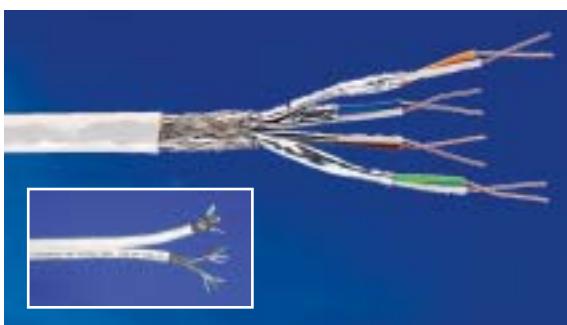
Product Facts:

- 600 MHz Cat. 7 S/FTP cable
- Individually shielded pairs (aluminium foil) plus overall copper braid
- AWG 23 solid conductor
- LSZH sheath material

Color: white

AWG	Type	OD	Packaging	Part Number
23	Simplex	7,8 mm	1000 m/Reel	**0-0057893-1**
23	Duplex	2 x 7,8 mm	500 m/Reel	**0-1711005-1**

Cat. 7 PiMF COMPACT 600 MHz Cable
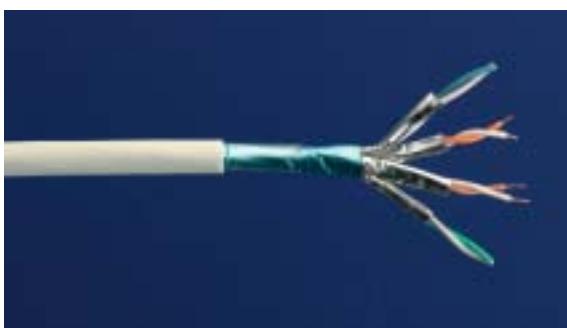
Product Facts:

- 600 MHz Cat. 7 F/FTP cable
- Compact Cat. 7 compliant shielded cable
- Individually foiled pairs plus overall foil shield
- AWG 23 solid conductor
- LSZH sheath material

Color: white

AWG	Type	OD	Packaging	Part Number
23	Simplex	7,0 mm	1000 m/Reel	**0-1711163-2**
23	Simplex	7,0 mm	500 m/Reel	**0-1711163-1**

Cat. 6 PiMF COMPACT 250 MHz Cable
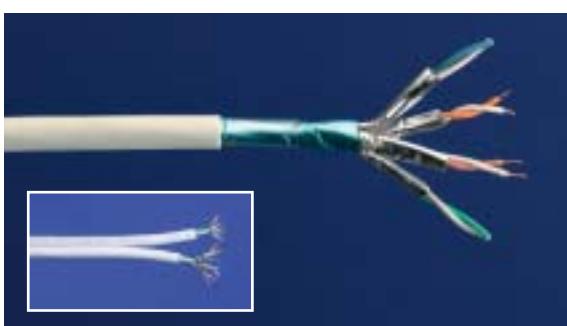
Product Facts:

- 250 MHz Cat. 6 F/FTP cable
- Compact Cat. 6 compliant shielded cable
- Individually foiled pairs plus overall foil shield
- AWG 23 solid conductor
- LSZH sheath material

Color: white

AWG	Type	OD	Packaging	Part Number
23	Simplex	7,4 mm	500 m/Reel	**0-1711007-1**
23	Duplex	2 x 7,4 mm	500 m/Reel	**0-1711008-1**

Cat. 5E SF/UTP 100 MHz Cable

Product Facts:

- 100 MHz Cat. 5E SF/UTP cable
- Overall copper braid plus foil shield
- Very low delay skew, suitable for 1000Base-T
- AWG 24 solid conductor

Color: white

Sheathing	Type	OD	Packaging	Part Number
LSZH	Simplex	6,5 mm	1000 m/Reel	**0-0219484-1**
LSZH	Simplex	6,5 mm	500 m/Reel	**0-0219484-2**

Cat. 5E F/UTP 100 MHz Cable

Product Facts:

- 100 MHz Cat. 5E F/UTP cable
- Overall foil shield
- Very low delay skew, suitable for 1000Base-T
- AWG 24 solid conductor

Color: white

-X	Packaging
-2	305 m, Pullbox
-3	1000 m, Reel

Sheathing	Type	OD	Packaging	Part Number
LSZH	Simplex	6,2 mm	see table	**0-0219420-X**
LSZH	Duplex	2 x 6,2 mm	500 m/Reel	**0-0136816-1**
PVC	Simplex	6,2 mm	see table	**0-0219413-X**
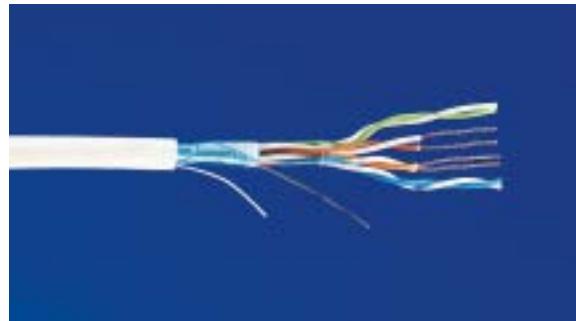
EtherSeal Cat. 5E SF/UTP 100 MHz Cable

Product Facts:

- Meets or exceeds TIA/EIA and ISO Category 5E specifications
- Exceeds all requirements for Gigabit Ethernet
- Sunlight (UV) resistant for harsh environments
- Oil resistant, Level II
- Double jacketed – PVC (only stranded conductors)
- CMR (Riser) rated

Color: grey

Conductors	No. of Sheaths	OD	Packaging	Part Number
Solid	1	6,35 mm	305 m/Reel	**0-1499449-3**
Stranded	2	7,26 mm	305 m/Reel	**0-1499450-3**

Shielded Twisted Pair Cabling
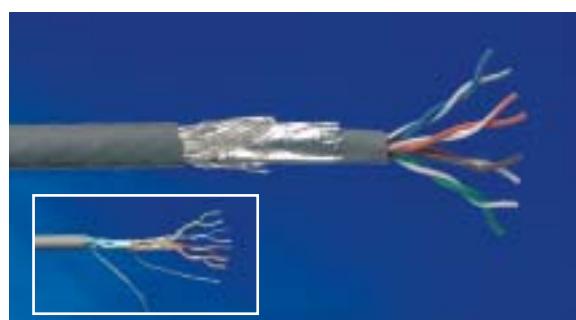
AMP CO Plus 8 Port Patch Panel

Product Facts:
- 19″ patch panel for 8 inserts
- Performance up to 2,0 GHz
- Straight cable exit plus management bar
- Kit includes 8 shielded housings, edge connectors, frames and mounting material incl. grounding bolt

Type	Height	Color	Part Number
Standard	1 U	light grey (RAL 7035)	**0-1394576-1**
Standard	1 U	black (RAL 9005)	**0-1394576-3**
With label arrays	1,5 U	pure white (RAL 9010)	**7-0101022-6**

AMP CO Plus 16 Port Patch Panel

Product Facts:
- 19″ patch panel for 16 inserts
- Performance up to 2,0 GHz
- Straight cable exit plus management bar
- Kit includes 16 shielded housings, edge connectors, frames and mounting material incl. grounding bolt

Type	Height	Color	Part Number
Standard	2 U	light grey (RAL 7035)	**0-1394573-1**
Standard	2 U	black (RAL 9005)	**0-1394573-3**
With label arrays and management bar	3 U	pure white (RAL 9010)	**7-0101022-3**
With label arrays, without management bar	3 U	pure white (RAL 9010)	**7-0101022-4**

AMP CO Plus 32 Port Patch Panel

Product Facts:
- 19″ patch panel for 32 inserts
- Performance up to 2,0 GHz
- Straight cable exit plus management bar
- Kit includes 32 shielded housings, edge connectors, frames and mounting material incl. grounding bolt
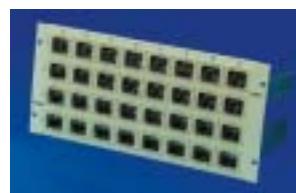
Type	Height	Color	Part Number
Standard	4 U	light grey (RAL 7035)	**0-1394575-1**
Standard	4 U	black (RAL 9005)	**0-1394575-3**
With label arrays	5 U	pure white (RAL 9010)	**7-0101022-1**

AMP CO Plus 24 Port High Density Patch Panel

Product Facts:
- 19″ patch panel for 24 inserts
- Performance up to 2,0 GHz
- Straight cable exit plus management bar
- Kit includes 12 shielded dual housings and frames, 24 edge connectors plus mounting material incl. grounding bolt

Type	Height	Color	Part Number
Standard	2 U	light grey (RAL 7035)	**0-1394574-1**
Standard	2 U	black (RAL 9005)	**0-1394574-3**
Housing protection kit	2 U	silver	**E41188-000**

Patch Panels

Shielded Twisted Pair Cabling

Cat. 6 – AMPTRAC *Ready!* Patch Panel

Product Facts:

- 19″, 1 U, RJ-45 Patch Panel with 24 ports
- AMPTRAC *Ready!* version:
  prepared for AMPTRAC upgrade
- Full AMPTRAC version:
  fully equipped with AMPTRAC functionality
- Cat. 6 Pyramid Tested (see page 127)
- Up to 10 GBit/s
- LSA+ tool compatible enhanced 110 IDC blocks
- Rear cable management
- Cover adapts to different cable diameters via variable
  snap-in position
- Shield connection separated from strain relief
- VDE grounding bolt
- Universal wiring – T568 A or B wiring pattern
- Protected PCB

For more Information see page 127
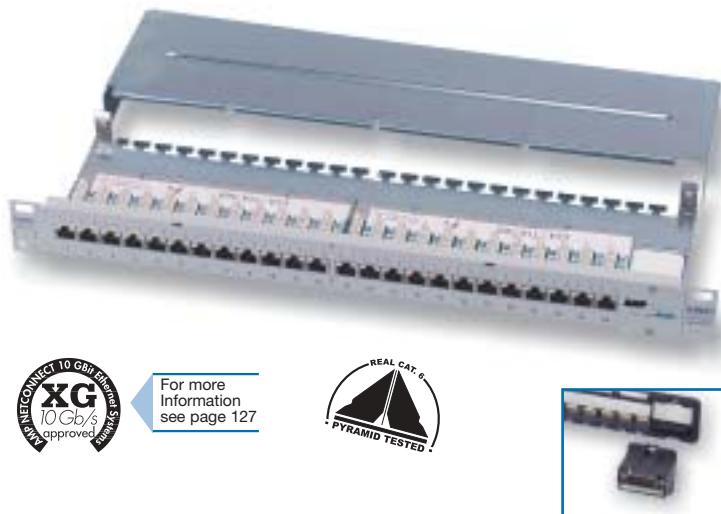
Description	Color	Part Number
Cat. 6 Full AMPTRAC patch panel	black (RAL 9005)	**0-1644042-1**
Cat. 6 AMPTRAC *Ready!* patch panel	black (RAL 9005)	**0-1644042-2**
Cat. 6 AMPTRAC *Ready!* patch panel	light grey (RAL 7035)	**0-1644042-3**
I/O Upgrade Kit from AMPTRAC *Ready!* to Full AMPTRAC	black	**0-1711148-1**

Cat. 5E – Patch Panels with Rear Cable Management

Product Facts:

- 19″, 1 U, RJ-45 Patch Panel with 24 ports
- Cat. 5E
- LSA+ tool compatible enhanced 110 IDC blocks
- Cover adapts to different cable diameters via
  variable snap-in position
- Shield connection separated from strain relief
- VDE grounding bolt
- T568 A or B wiring pattern
- Protected PCB

Description	Part Number
Cat. 5E patch panel 24 Port	**0-0336671-X**

-X	Color
-1	pebble grey (RAL 7032)
-2	black (RAL 9005)
-3	light grey (RAL 7035)
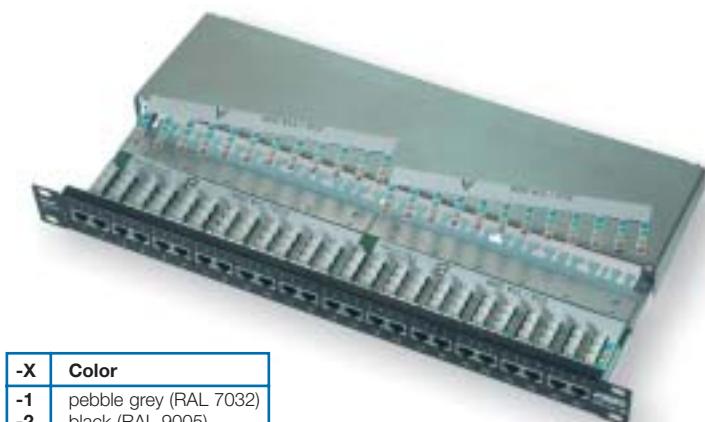
For UTP Cat. 3 telephone panels see page 12

Shielded Twisted Pair Cabling

Angled Modular Patch Panel (loaded)

Product Facts:

- 24 port angled patch panel in low profile design
- Allows installation within an enclosed cabinet environment
- Panels are supplied with connectivity (24 Jacks)

Description	Part Number
Hi-D patch panel with 24 AMP-TWIST-6S SL Jacks	**1-1671079-2**

Flushmount AMPTRAC *Ready!* Patch Panel (unloaded)

Product Facts:

- 19″ unloaded flushmount patch panel to be equipped with different SlimLine jacks (see below)
- AMPTRAC *Ready!* version:
  prepared for AMPTRAC upgrade
- Full AMPTRAC version:
  fully equipped with AMPTRAC functionality
- Hosts up to 24 SL Jacks
- AMPTRAC functionality not applicable for jacks with dustcover

Description	Color	Part Number
Full AMPTRAC unloaded flushmount panels	black (RAL 9005)	**0-1711278-1**
AMPTRAC *Ready!* unloaded flushmount panels	black (RAL 9005)	**0-1711278-2**
AMPTRAC *Ready!* unloaded flushmount panels	light grey (RAL 7035)	**0-1711278-3**
I/O Upgrade Kit from AMPTRAC *Ready!* to Full AMPTRAC	black	**0-1711148-1**

Flushmount Patch Panels (unloaded)

16-Port-Panel

24-Port-Panel

Product Facts:

- 19″ Standard Modular unloaded panel to be equipped with different modular jacks (see below)
- Including VDE 0100 ground clamp
- Ports are iconable (see page 115)

-X	Color
-1	black (RAL 9005)
-2	grey (RAL 7032)
-3	creme white (RAL 9001)
-4	light grey (RAL 7035)

No. of Ports	Height	Part Number
16	1 U	**0-0336525-X**
24 (for SL Jacks only)	1 U	**0-0336526-X**

The following connectors can be mounted into the panels shown above (see page 41):

AMP-TWIST-6S SL Jack **SL 110Connect Jack** **110Connect Jack** **SL Toolless Jack**

AMP CO Plus TERA™ Cat. 7 Insert for All Applications (incl. 10 Gigabit Ethernet)

Product Facts:

● Exchangeable system insert 1 x ISO Cat. 7 (Siemon TERA™)
● Cat. 7/Class F
● Application: all applications incl. Gigabit and 10 Gigabit Ethernet

Pin out: EIA/TIA 568A; 8 pins, shielded

For more
Information
see page 127

Type	Part Number
Insert Cat. 7 TERA™	0-0336480-X

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)
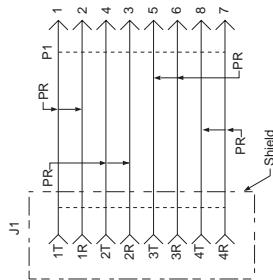
TERA™ is a Trademark
of the Siemon Company

AMP CO Plus Cat. 7 Dual RJ-45 Insert, Two Pairs

Product Facts:

● Exchangeable system insert 2 x RJ-45
● Cat. 7/Class F
 (pair 12,78 according E DIN 44312-5)
● Application: 2 x ATM 622 MBit/s or
 Gigabit Ethernet 1000 Base-TX2

Pin out: 12,78 + 12,78; 2 x 4 pins, shielded
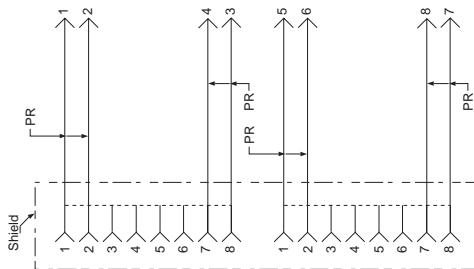
Type	Part Number
Insert 2 x RJ-45 Cat. 7	0-0336556-X

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

AMP CO Plus Broadband Insert for CATV

Product Facts:

● Exchangeable system insert with F-Series connector and 1 or 2 RJ-45
● Application: 1 x CATV + 1 x Ethernet/ISDN or
  1 x CATV + 1 x Ethernet + 1 x ISDN

Pin out: Balun 75Ω + 12,36,45; shielded (1 x RJ-45) or
  Balun 75Ω + 12,36 + 45; shielded (2 x RJ-45)

Type	Part Number
Insert F-Series + 1 x RJ-45	0-0336684-X
Insert F-Series + 2 x RJ-45	0-1711336-X

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

AMP CO Plus Cat. 6 RJ-45 Insert for All Applications (incl. 10 Gigabit Ethernet)
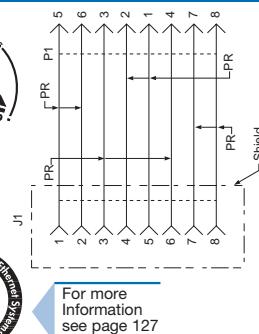
Product Facts:

- Exchangeable system insert 1 x RJ-45
- Cat. 6 Pyramid Tested (s.p. 127) / Class E
- Application: 1 x all applications incl. Gigabit Ethernet
  1000 Base-T, 1000 Base-TX or 1,2 GBit ATM, 10 GBit Ethernet

Pin out: EIA/TIA 568 A: 8 pins, shielded

For more Information see page 127

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert 1 x RJ-45 Cat. 6	0-0336548-X
Insert 1 x RJ-45 10 GBE	0-1711188-X

AMP CO Plus Cat. 6 Dual RJ-45 Insert for Fast Ethernet
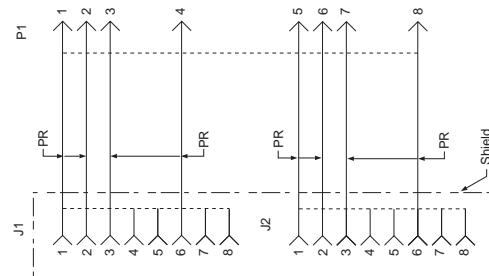
Product Facts:

- Exchangeable system insert 2 x RJ-45
- Cat. 6 Pyramid Tested (s.p. 127) / Class E
- Application:
  2 x Fast Ethernet 100 Base-TX

Pin out:

12,36 + 12,36; 2 x 4 pins, shielded

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

| Type	Part Number
Insert 2 x RJ-45 Cat. 6 Ethernet	0-0336553-X

AMP CO Plus Cat. 6 Dual RJ-45 Insert for Fast Ethernet + Voice/Data
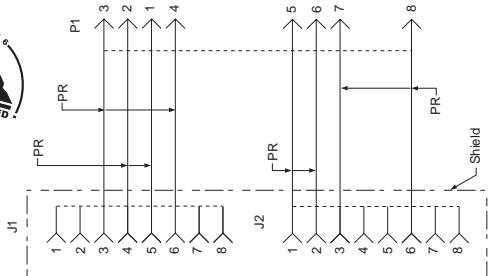
Product Facts:

- Exchangeable system insert 2 x RJ-45
- Cat. 6 Pyramid Tested (s.p. 127) / Class E
- Application:
  1 x Fast Ethernet 100 Base-TX,
  1 x ISDN, xDSL or Token Ring

Pin out:

36,45 + 12,36 ; 2 x 4 pins, shielded

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert 2 x RJ-45 Cat. 6 mixed	0-0336549-X

AMP CO Plus Cat. 6 Dual RJ-45 Insert for Voice/Data
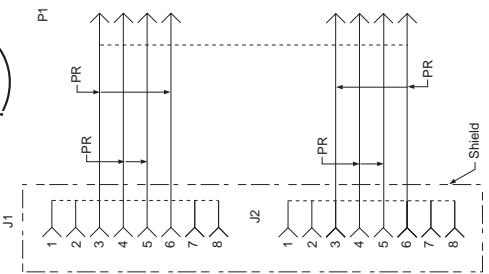
Product Facts:

- Exchangeable system insert 2 x RJ-45
- Cat. 6 Pyramid Tested (s.p. 127) / Class E
- Application:
  2 x ISDN, xDSL or Token Ring

Pin out:

36,45 + 36,45 ; 2 x 4 pins, shielded

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert 2 x RJ-45 Cat. 6 ISDN	0-0336554-X

AMP CO Plus Cat. 5E RJ-45 Insert for All Applications (incl. Gigabit Ethernet)

Product Facts:

- Exchangeable system insert 1 x RJ-45
- Cat. 5E / Class D
- Application:
  1 x all applications incl. Gigabit Ethernet 1000 Base-T

Pin out: EIA/TIA 568 A; 8 pins, shielded

Type	Part Number
Insert 1 x RJ-45 Cat. 5E	**0-0284584-X**

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

AMP CO Plus Cat. 5E Dual RJ-45 Insert for Fast Ethernet

Product Facts:

- Exchangeable system insert 2 x RJ-45
- Cat. 5E / Class D
- Application:
  2 x Fast Ethernet 100 Base-TX
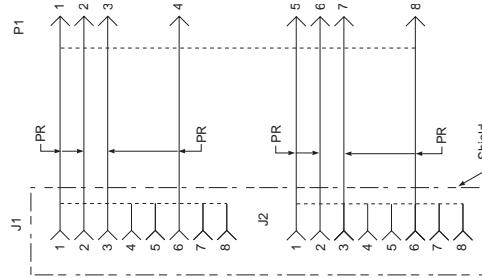
Pin out:
12,36 + 12,36 ; 2 x 4 pins, shielded

Type	Part Number
Insert 2 x RJ-45 Cat. 5E Ethernet	**0-0183636-X**

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

AMP CO Plus Cat. 5E Dual RJ-45 Insert for Fast Ethernet + Voice/Data

Product Facts:

- Exchangeable system insert 2 x RJ-45
- Cat. 5E / Class D
- Application: 1 x Fast Ethernet 100 Base-TX,
  1 x ISDN, xDSL or Token Ring

Pin out:
36,45 + 12,36 ; 2 x 4 pins, shielded

Type	Part Number
Insert 2 x RJ-45 Cat. 5E mixed	**0-0183641-X**

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)
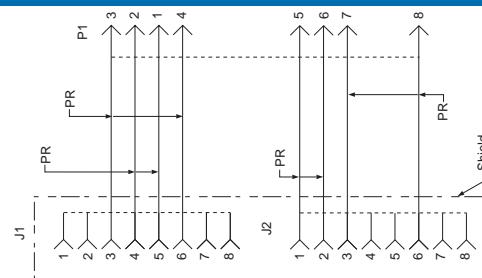
AMP CO Plus Cat. 5E Dual RJ-45 Insert for Voice/Data

Product Facts:

- Exchangeable system insert 2 x RJ-45
- Cat. 5E / Class D
- Application: 2 x ISDN, xDSL or Token Ring

Pin out:
36,45 + 36,45 ; 2 x 4 pins, shielded

Type	Part Number
Insert 2 x RJ-45 Cat. 5E ISDN	**0-0183635-X**

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

For accessories and tools see pages 103 and 104

Shielded Twisted Pair Cabling

Shielded Twisted Pair Cabling

AMP CO Plus Dual Patch Panel Insert PoE Power Conversion
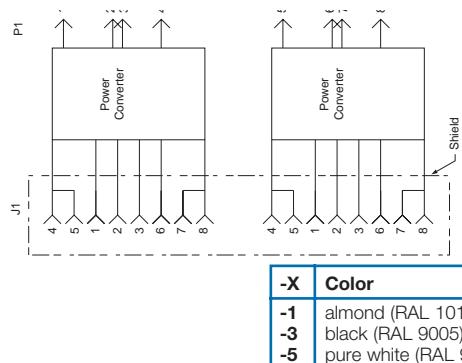
Product Facts:

- Converts IEEE 802.3af mode A or B input to mode A output
- Uses Power Mux/Demux Technology
- Application: 2 x PoE (input mode independent), e.g. VoIP, over a 4 pair cable (sheath sharing)

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert 2 x PoE Power Conversion	0-1711125-X

AMP CO Plus Dual Patch Panel Insert ISDN/PoE Power Conversion
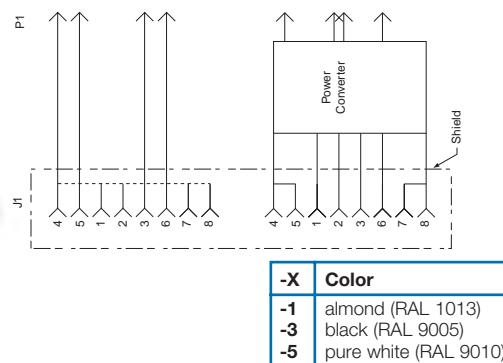
Product Facts:

- PoE Port: Converts IEEE 802.3af mode A or B input to mode A output
- ISDN Port: analog telephone or ISDN
- Uses Power Mux/Demux Technology at the PoE Port
- Application: 1 x PoE (input mode independent), e.g. VoIP, and 1 x ISDN over a 4 pair cable (sheat sharing)

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert ISDN + PoE Power Conversion	0-1711130-X

AMP CO Plus Dual Insert PoE Mode A
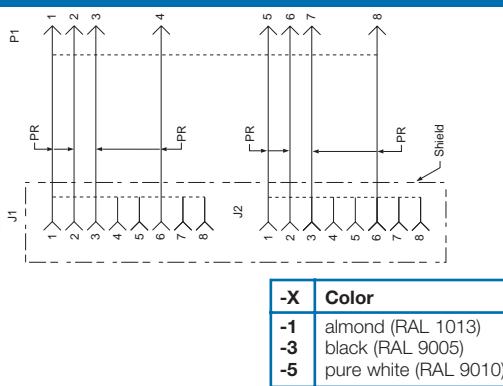
Product Facts:

- 2 x PoE IEEE 802.3af Mode A
- Used at the outlet
- Application: 2 x PoE, e.g. VoIP, over a 4 pair cable (sheath sharing)

Pin out:
12,36 + 12,36; 2 x 4 pins; shielded

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert 2 x PoE Mode A	0-1711135-X

AMP CO Plus Dual Insert ISDN/PoE Mode A
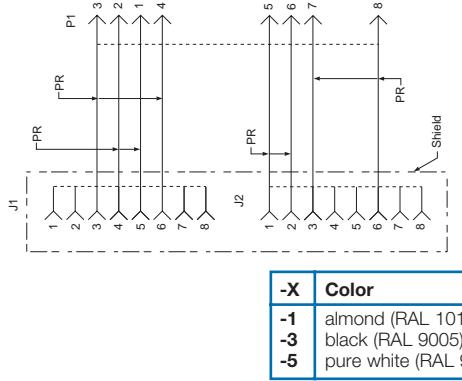
Product Facts:

- 1 x ISDN; 1 x PoE IEEE 802.3af Mode A
- Used at the outlet
- Application: 1 x PoE, e.g. VoIP, and 1 x ISDN over a 4 pair cable (sheat sharing)

Pin out:
36,45 + 12,36; 2 x 4 pins; shielded

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Type	Part Number
Insert ISDN + PoE Mode A	0-1711140-X

For accessories and tools see pages 103 and 104

AMP CO Plus 3-Port Insert

Product Facts:

- Exchangeable system insert 3 x RJ-45
- 1 x Cat. 6 Pyramid Tested (s. page 127),
  2 x Cat. 3
- Application:
  2 x telephone (2 wire use),
  1 x Fast Ethernet 100 Base-TX

Pin out:

45 + 45 + 12,36; 2 x 2 pins unshielded;
1 x 4 pins shielded

Type	Part Number
Insert 3 x RJ-45	0-1711100-X
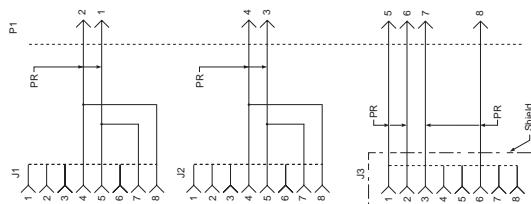
-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

AMP CO Plus 4 Pair Sub-D 9pos Insert

Product Facts:

- Sub-D 9pos insert with 4 connected pairs
- Incl. M3 nuts for locking

Color: almond (RAL 1013)

Description	Part Number
Sub-D insert	0-0183553-1
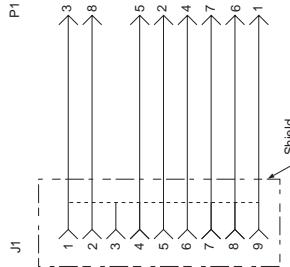
AMP CO Plus Blank Insert

Product Facts:

- Blank insert
- Dust protection for unused ports

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-9	pure white (RAL 9010)

Description	Part Number
Blank insert	0-0555644-X

Shielded Twisted Pair Cabling

Shielded Twisted Pair Cabling

Inserts for Voice Applications

Description

Phone devices in the work area with different connector types (RJ-11, RJ-45, TAE, TT83 or FT) can be easily integrated into the system.
In the patch panel, RJ-45 is preferred.

The table below provides an overview of different insert types for the various applications in the work area as ISDN, S₀, UpN, TAE or TT83 and the corresponding insert on the panel side.

-X	Color
-1	almond (RAL 1013)
-3	black (RAL 9005)
-5	pure white (RAL 9010)

Jack	Shielded	Terminated	Use at	Note	Part Number
1x RJ-45	no	no	outlet / panel	panel + outlet	**0-0555672-1**
1x RJ-45	no	100 Ω	outlet	panel side **0-0555672-1**	**0-0555681-1**
2x RJ-45	no	no	outlet / panel	panel + outlet	**0-0183723-1**
2x RJ-45	no	no	outlet / panel	for E1 dedicated lines	**0-0183725-1**
2x RJ-45	no	no	panel	outlet s. **0-0557264-1 or 0-0183482-1**	**0-0183736-1**
2x RJ-45 parallel	no	no	outlet	panel side **0-0555672-1**	**0-0555648-1**
2x RJ-45 parallel	no	100 Ω	outlet	panel side **0-0555672-1**	**0-0555680-1**
2x RJ-45 parallel	yes	no	outlet	panel side **0-0555672-1**	**0-0555622-1**
2x RJ-45 parallel	yes	100 Ω	outlet	panel side **0-0555672-1**	**0-0555602-1**
4x RJ-45	no	no	outlet / panel	panel + outlet	**0-1711000-X**
4x RJ-45	no	100 Ω	outlet	panel side **0-0183723-1**	**0-1711001-X**
4x RJ-45	no	no	outlet /panel	french version	**0-1644016-X**
1x RJ-11	no	no	outlet	panel side **0-0555672-1**	**0-0555611-1**
2x RJ-11	no	no	outlet	panel side **0-0183723-1**	**0-0555614-1**
2x TAE NF	no	no	outlet	panel side **0-0183736-1**	**0-0557264-1**
2x TAE FF	no	no	outlet	panel side **0-0183736-1**	**0-0183482-1**
6pos. TT 83	no	no	outlet	different pin outs configurable	**5-0101003-0**
12pos. TT 83	no	no	outlet	different pin outs configurable	**0-0101011-3**
8pos. FT	no	no	outlet	french standard	**0-0144268-1**

For accessories and tools see pages 103 and 104

**Wiremap**

Shielded Twisted Pair Cabling
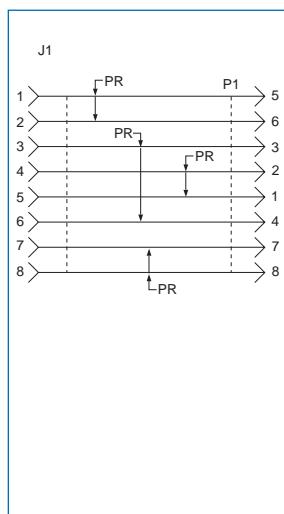
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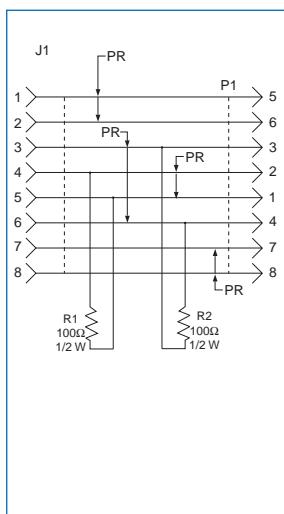
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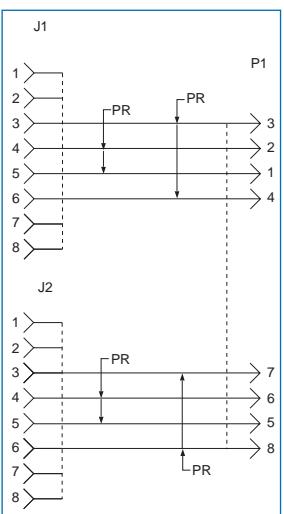
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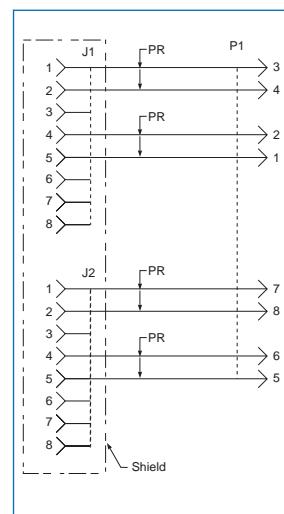
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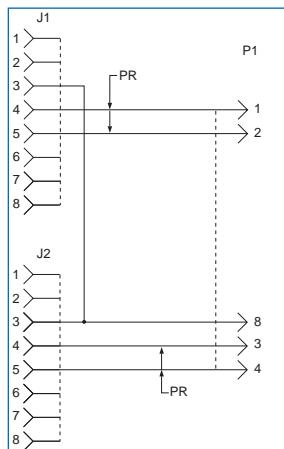
Part Number **0-0183736-1**
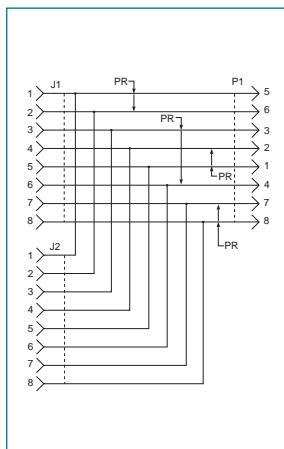
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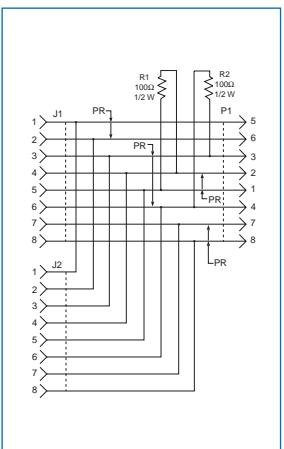
Part Number **0-0555680-1**
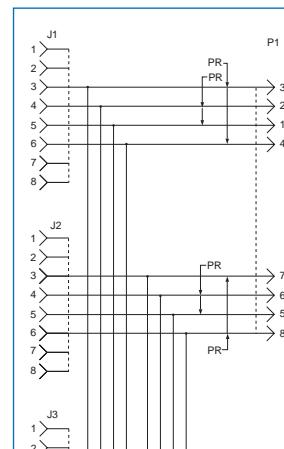
Part Number **0-1711001-X**
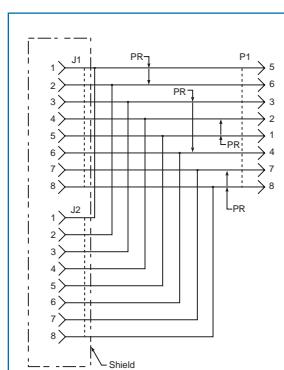
Part Number **0-0555622-1**
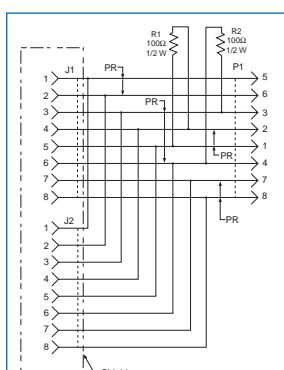
Part Number **0-0555602-1**

Part Number **0-0555611-1**

Pin Out:

Jack Side	Cable Side
J1: 45	**P1: 21**
J2: 45	**P1: 43**
J3: 45	**P1: 65**
J4: 45	**P1: 87**

Part Number **0-1711000-X**
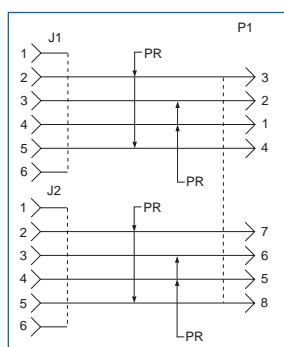
Part Number **0-0555614-1**
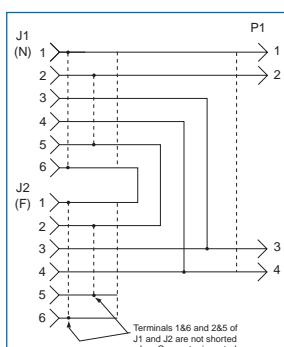
Part Number **0-0557264-1**

Part Number **0-0183482-1**

Pin Out:

Jack Side	Cable Side
J1: 45,78	**P1: 21**
J2: 45,78	**P1: 43**
J3: 45,78	**P1: 65**
J4: 45,78	**P1: 87**

Part Number **0-1644016-X**

## Shielded Twisted Pair Cabling

Balun Inserts

Description

Integration of applications using 50Ω, 75Ω, 93Ω or 150Ω can be done quickly, easily and cost efficiently with BALUN inserts.
The adaption to the required impedance to the 100Ω cabling side can be done by inserts listed here.

| Connectors	Horizontal Cable	Patch Cord	Application	Part Number
1x BNC	100 Ω	93 Ω	IBM 3270	**0-0555664-1**
2x BNC	100 Ω	93 Ω	IBM 3270	**0-0557245-1**
1x BNC	100 Ω	50 Ω	10 Base-2	**0-0555675-1**
1x RJ-45	150 Ω	100 Ω	100 Base-TX	**0-0558912-1**
1x RJ-45	150 Ω	100 Ω	10 Base-T	**0-0555694-1**
1x RJ-45	150 Ω	150 Ω	Token Ring	**0-0183733-1**
2x BNC	150 Ω	93 Ω	IBM 3270	**0-0555634-1**
1x BNC	150 Ω	50 Ω	10 Base-2	**0-1116746-1**

Wiremap
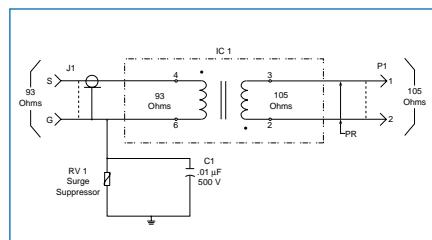

Part Number **0-0555664-1**
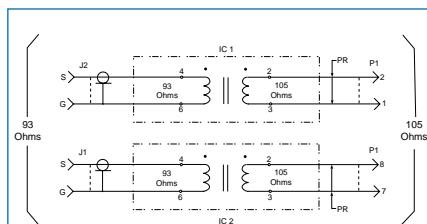

Part Number **0-0557245-1**
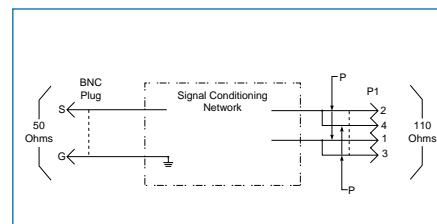

Part Number **0-0555675-1**
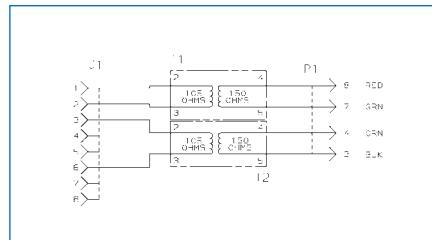

Part Number **0-0558912-1**
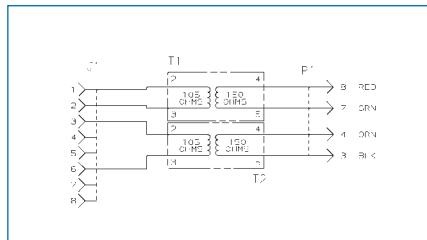
Part Number **0-0555694-1**
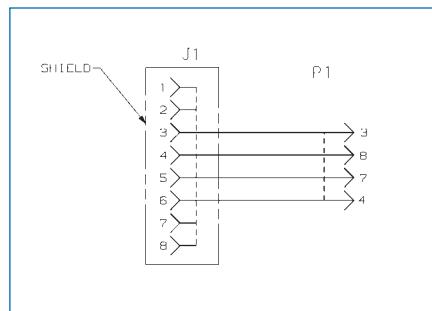
Part Number **0-0183733-1**
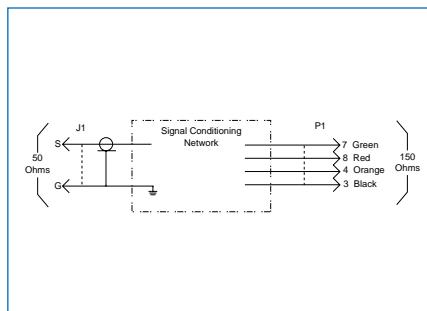
Part Number **0-1116746-1**
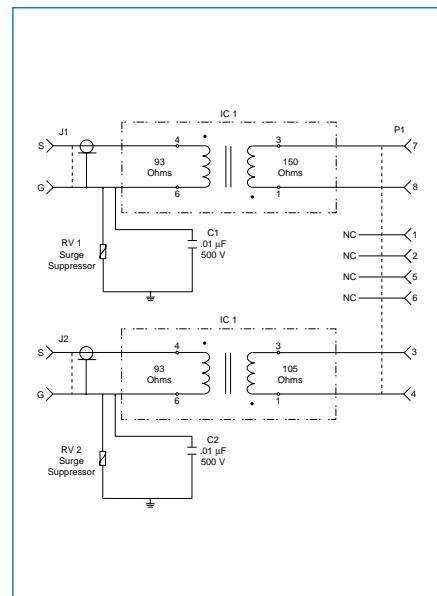
Part Number **0-0555634-1**

AMP-TWIST-6S SL Jack

Product Facts:
- Cat. 6 Pyramid Tested (see p. 127)
- Easiest installation with only 2 parts
- Termination time less than 1 Minute (using Tyco's patented AWC technique)
- Patented shield clamp with integrated strain relief
- Available with or without dust cover

Description	Part Number
Cat. 6 die-cast Jack with dust cover	0-1711160-1
Cat. 6 die-cast Jack without dust cover	0-1711342-1

SL Series 110Connect Jacks

Product Facts:
- Cat. 6 Pyramid Tested (see p. 127)
- Universal wiring – T568 A or B wiring pattern
- Available with 180° or 90° cable exit

Description	Part Number
Cat. 6 with straight cable exit (180°)	0-1375188-1
Cat. 6 with lateral cable exit (90°)	0-1479552-1
Cat. 5E with straight cable exit (180°)	0-1375189-1
Cat. 5E with lateral cable exit (90°)	0-1479717-1

SL Series Toolless Jacks

Product Facts:
- Cat. 5E
- Terminated with common pliers, hinged stuffer cap simplifies assembly
- Universal wiring – T568 A or B wiring pattern
- For AWG 24 cables only

Description	Part Number
Cat. 5E	0-1339015-1

Standard 110Connect Jacks

Product Facts:
- Cat. 5E
- Universal wiring – T568 A or B wiring pattern

Description	Part Number
Cat. 5E	0-1116515-1

EtherSeal Jack and Coupler Kits

Product Facts:
- Category 6 or 5E and IP67 compliant, shielded
- Front-loading into enclosures and outlets
- Push-On and Twist-Off Mating Action, confirmed by tactile feedback
- Blind mate with Polarized Keying
- Optional Outlet Cap with tether available

Description	Part Number
Cat. 6 SL Series 110Connect Modular Jack Kit	0-1479566-2
Cat. 5E SL Series 110Connect Modular Jack Kit	0-1479564-2
Cat. 5E SL Series Toolless Modular Jack Kit	0-1479562-2
Cat. 5E SL Series In-Line Coupler Kit	0-1479600-2
Jack/Outlet Cap	0-1479591-2

Shielded Twisted Pair Cabling

Shielded Twisted Pair Cabling

AMP CO Plus Installation Kit 50 x 50 mm (Compatible with Frame Series)

Product Facts:
- Shielded installation kit flushmount
- DIN faceplate 50 x 50 mm
- Metal frame
- Compatible with standard and designer frame series
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- Top, left or right cable entry
- 2,0 GHz performance

Color	Part Number
Almond (RAL 1013)	0-0336627-1
Pure white (RAL 9010)	2-0336627-1
Black (RAL 9005)	0-0336627-3

AMP CO Plus Installation Kit Flushmount

Product Facts:
- Shielded installation kit flushmount
- DIN faceplate 68 x 68 mm with 6 x 32 label
- Metal frame
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- Top cable entry
- 2,0 GHz performance

Color	Part Number
Almond (RAL 1013)	0-1394581-1
Pure white (RAL 9010)	2-1394581-1

AMP CO Plus Installation Kit Angled

Product Facts:
- Shielded installation kit angled
- DIN faceplate 68 x 68 mm with 6 x 32 label
- Metal frame
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- Rear cable entry
- 2,0 GHz performance

Color	Part Number
Almond (RAL 1013)	0-1394582-1
Pure white (RAL 9010)	2-1394582-1

AMP CO Plus Installation Kit Underfloor

Product Facts:
- Shielded installation kit
- Bottom cable exit
- For underfloor installation boxes
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- 2,0 GHz performance

For Ackermann Boxes (60 mm mounting)

Color	Faceplate	Part Number
Almond (RAL 1013)	70 x 58 mm	**0-1394763-1**

For Elektraplan (KD E2, E4 and Q4)

Color	Faceplate	Part Number
Almond (RAL 1013)	50 x 50 mm	**0-1394583-1**

Ackermann is a Trademark of Honeywell

AMP CO Plus Installation Kit 45 x 45 mm "Mosaic"

Product Facts:
- Shielded installation kit flushmount
- Applicable to 45 x 45 mm "Mosaic" systems
- Faceplate 45 x 45 mm
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- Left or right cable exit
- 2,0 GHz performance

45 x 45 mm Installations Kit

Color	Part Number
Almond (RAL 1013)	**0-1379179-1**
Pure white (RAL 9010)	**0-1379179-2**

Adapter Frame to 50 x 50 mm

Color	Part Number
Almond (RAL 1013)	**0-1379156-1**

AMP CO Plus Edge Connector for Upgrading AMP CO Classic Cablings

Product Facts:
- Shielded edge connector Mark II for AWG 22–24 twisted pair cables
- 2,0 GHz performance
- 110C compatible IDC block
- Universal color code
- Fully shielded

Description	Part Number
Edge connector Mk II	**0-0336455-X**

-X	Quantity
-1	100 pieces
-2	8 pieces
-3	10 pieces

XG 10 Gb/s approved
AMP NETCONNECT 10 GBit Ethernet System

AMP CO Classic Edge Connector for Type 1 (150 Ω) Cablings

Product Facts:
- Unshielded edge connector Mark I for ICS Type 1 and Type 1A cabling
- 200 MHz performance
- Insulation displacement barrel contacts
- Universal color code + IBM Type 1 code

Description	Part Number
Edge connector Mk I	**0-0556609-X**

-X	Quantity
-1	10 pieces
-2	16 pieces

Shielded Twisted Pair Cabling

AMP CO Plus Installation Kit CH "EDIZIOdue"

Product Facts:
- Shielded installation kit flushmount
- Applicable to "EDIZIOdue" systems
- Left, right or top cable exit
- Faceplate "EDIZIOdue"
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- 2,0 GHz performance

Description	Color	Part Number
AP: Surface mount, Gr. I, 50 mm	pure white	9-0101021-1
UP: Wall mount, Gr. I, 42 mm	pure white	0-1711187-1
UP: Wall mount, Gr. I, 42 mm	black	0-1711187-2
KNL: Tehalit trunk	pure white	9-0101021-3
KNL: Tehalit trunk	light grey	0-1644097-1
KNL: Tehalit trunk	dark grey	0-1644097-2
KNL: Tehalit trunk	black	0-1644097-3

AMP CO Plus Installations-Kit CH "Standard"

Product Facts:
- Shielded installation kit flushmount
- Left, right or top cable exit
- Faceplate "Standard"
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- 2,0 GHz performance

Color	Part Number
Pure white	7-0101021-X

-X	Description
-0	UP: Wall mount, Gr. I, 42 mm
-1	AP: Surface mount, Gr. I, 50 mm
-3	KNL: Trunk, 60 mm

AMP CO Plus Installations-Kit CH "FLF"

Product Facts:
- Shielded installation kit flushmount
- Applicable to "FLF" systems
- Left, right or top cable exit
- Faceplate "FLF"
- Shielded edge connector Mark II with PiMF management
- Shielded housing with 360° cable clamp
- Strain relief
- 2,0 GHz performance

Color	Part Number
Pure white	7-0101021-X

-X	Description
-4	FLF: Cable exit 90°
-5	FLF-AP: Cable exit 90°
-8	FLF: Cable exit 180°
-9	FLF-AP: Cable exit 180°

Outlets

AMP NETCONNECT

Shielded Twisted Pair Cabling

Cat. 6 DIN Dual Outlet AMP-TWIST-6S

Product Facts:

- Cat. 6 Pyramid Tested (see page 127)
- Planar version: flush-mount outlet 100% compatible with standard and designer frame series
- Floor version: flat die-cast design for easy floor box mounting
- 50 x 50 mm faceplate universal fit
- Cable entry angled to avoid bending
- LSA+ compatible blocks
- Universal label for TIA 568 A or TIA 568 B wiring
- Protected PCB
- For faceplate frame and back box see pages 94/95

REAL CAT. 6 PYRAMID TESTED

XG 10 Gb/s approved — AMP NETCONNECT 10 GBit Ethernet Systems

Description	Ports	Part Number
Planar outlet	2	**Y-0336675-1**
Planar outlet	1	**Y-1711088-1**
Planar outlet UP 0	2	**5-0336675-1**
Planar outlet UP 0	1	**5-1711088-1**
Floor outlet	2	**Y-0336539-1**
Spare faceplate for Planar Version	2	**Y-1711161-1**
Spare faceplate for Planar Version	1	**Y-1711162-1**
Spare faceplate for Floor Version	2	**Y-1644070-1**

PASST!

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

Cat. 5E Dual Outlet 45 x 45 mm "Mosaic"

Product Facts

- Hard wired dual RJ-45 Outlet shielded
- Cat. 5E
- Compatible to "Mosaic"
- With integrated shutters
- Side cable exit
- Individual ports are icon-able (see page 115)

Color: pure white (RAL 9010)

Description	Part Number
Cat. 5E Dual Outlet 45 x 45 mm "Mosaic"	**0-0284265-1**

TERA™ Cat. 7 Patch Cord

Product Facts:
- Category 7 shielded
- 4 Pair stranded AWG 26/7
- LSZH jacket

Color: white

For more
Information
see page 127

Description	Part Number
TERA™ to TERA™	Y-1711177-X
TERA™ to RJ-45	Y-0336488-X

Y- -X	Length
1- -1	0,5 m
0- -1	1,0 m
0- -2	2,0 m
0- -3	3,0 m
0- -5	5,0 m
1- -0	10,0 m

Other lengths
on request!

PiMF 600 Patch Cord

Product Facts:
- Manufactured with Category 7 cable
- 600 MHz S/FTP cable construction (Pairs in Metal Foil)
- 4 Pair stranded AWG 26/7
- LSZH jacket
- Color-matched snagless boots
- Universal wiring

For more
Information
see page 127

Color	Part Number
white	Y-0959385-X
blue	Y-1711079-X
grey	Y-1711076-X
yellow	Y-1711078-X
red	Y-1711080-X
green	Y-1711077-X

Y- -X	Length
1- -1	0,5 m
0- -1	1,0 m
0- -2	2,0 m
0- -3	3,0 m
0- -5	5,0 m
1- -0	10,0 m

Other lengths and
colors on request!

Cat. 5E F/UTP and SF/UTP Patch Cord

Product Facts:
- F/UTP shield (foil) and SF/UTP shield (foil and braid) versions
- Category 5E according to ISO/IEC 11801 2nd Ed. and EN-50173-1
- 4 Pair stranded AWG 26/7
- LSZH jacket
- Color-matched snagless boots
- Universal wiring

Color	Part Number F/UTP	Part Number SF/UTP
white	Y-1644077-X	–
blue	Y-0959308-X	Y-0959239-X
grey	Y-0959305-X	Y-0959236-X
yellow	Y-0959307-X	Y-0959238-X
red	Y-0959309-X	Y-0959240-X
green	Y-0959306-X	Y-0959237-X

Y-	-X	Length
1-	-1	0,5 m
0-	-1	1,0 m
0-	-2	2,0 m
0-	-3	3,0 m
0-	-5	5,0 m
1-	-0	10,0 m

Other lengths and colors on request!
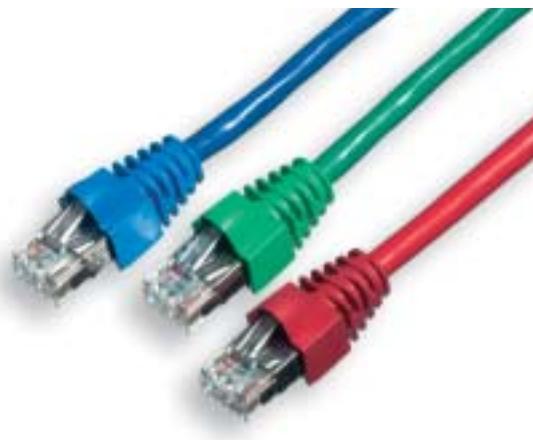
Cat. 5E SF/UTP Patch Cord (white)

Product Facts:
- SF/UTP shield (foil and braid)
- Category 5E according to ISO/IEC 11801 2nd Ed. and EN-50173-1
- 4 Pair stranded AWG 26/7
- LSZH jacket
- Snagless boots
- Universal wiring

Color	Part Number
white	Y-0346925-X

Y-	-X	Length
0-	-9	0,5 m
0-	-5	1,0 m
0-	-6	2,0 m
0-	-7	3,0 m
0-	-8	5,0 m
1-	-1	10,0 m

Other lengths on request!

Shielded Twisted Pair Cabling

Consolidation Point Transition Cable Assemblies

Product Facts:

- For connections between work area outlet and consolidation point
- Cat. 6 Shielded Twisted Pair Cable Assemblies
- Performance according to ISO/IEC 11801 2nd Ed. and EN-50173-1
- SL Series 110Connect Jack to modular plug
- LSZH sheath
- Universal wiring

Color: white

Description	Part Number
Category 6 transition cable	Y-1711029-X

Y- -X	Length
0- -5	5,0 m
1- -4	7,5 m
1- -0	10,0 m
1- -5	15,0 m
2- -0	20,0 m

EtherSeal Cat. 5E SF/UTP Patch Cord

Product Facts:

- Category 5E and IP67 compliant
- SF/UTP shielded (foil and braid)
- Utilizes EtherSeal, industrial grade Cat. 5E cable
- Factory-terminated and tested for quality
- Push-On and Twist Off Mating Action
- Blind mate with Polarized Keying
- Tactile feedback confirms full mating
- Optional Plug Cap with available tether

Color: grey

Description	Part Number
EtherSeal to EtherSeal	Y-1479603-X
EtherSeal to Standard RJ-45	Y-1479604-X
Plug Cap with Tether	0-1479592-2

Y- -X	Length
0- -3	0,9 m
0- -5	1,5 m
0- -7	2,1 m
1- -0	3,0 m
1- -5	4,5 m

Fibre Optic Cable

- Available in MM, SM and hybrid
- LSZH sheath
- Available in different fibre categories

Patch Panels

- 1 U standard versions
- Modular versions for Snap-In connector modules
- 4 U fibre distribution unit

Wallmount Enclosures

- Available for connector modules
- Available for splicing technologies
- Unpopulated or preloaded

Connectors

- Epoxy connectors
- Quick termination connectors
- Adapters
- Available in MM and SM

Outlets

- Available for floorboxes and cable ducts
- Optional cable management

Cable Assemblies

- Pigtails and Patchcords
- LSZH sheath
- Available in MM and SM

3.

Fibre Optic (FO) Cabling Systems

Technical Data

Fire performance

Sheathing materials for internal cables comply fully with the following standards:

Aspect

Flammability
Smoke Emission
Acid Gas Emission
Toxicity

Norm

IEC 60332 Parts 1 and 3c
IEC 61034 Parts 1 and 2
IEC 6075 Parts 1 and 2
NES 713

For more Information see page 127

For all OM3 XG system cables
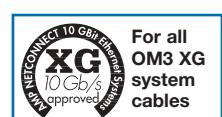
Multimode Fibres

Multimode Fibres		Overfill Bandwidth (MHz x km)		Max. Link Length for 1 GBit/s (m)		Max. Link Length for 10 GBit/s (m)		Fibre Attenuation (dB/km)	
EN 50173/ISO 11801		850 nm	1300 nm	850 nm (1000Base-SX)	1300 nm (1000Base-LX)	850 nm (10GBase-SR) (10GBase-SW)	1300 nm (10GBase-LX4)	850 nm	1300 nm
OM1	62.5 µm	≥ 200	≥ 600	300	550	26*	300*	≤ 2.9	≤ 0.7
OM1 *Plus*	62.5 µm	≥ 250	≥ 800	400	1000	26*	300*	≤ 2.9	≤ 0.7
OM2	50 µm	≥ 500	≥ 500	550	550	82*	300*	≤ 2.4	≤ 0.6
OM2 *Plus*	50 µm	≥ 600	≥ 1200	750	2000	82*	300*	≤ 2.4	≤ 0.6
OM3 **(XG)**	50 µm	≥ 1500	≥ 500	970	600	330	300	≤ 2.7	≤ 0.7
OM3 *Plus*	50 µm	≥ 3500	≥ 500	1050	600	550	300	≤ 2.7	≤ 0.7

* Mode Conditioning Patchcords required

Singlemode Fibres

Singlemode Fibres	Chromatic Dispersion (ps/nm x km)		Cut-off Wavelength, cabled (nm)	Point Discontinuity (dB)	Fibre Attenuation (dB/km)		
EN 50173/ISO 11801	1310 nm	1550 nm			1310 nm	1380–1386 nm	1550 nm
OS1 (ITU-T G.652b) 9 µm	≤ 3.5	≤ 18.0	≤ 1260	≤ 0.1	≤ 0.33	–	≤ 0.21
LWP (ITU-T G.652d) 9 µm	≤ 3.5	≤ 18.0	≤ 1260	≤ 0.1	≤ 0.34	≤ 0.31	≤ 0.22

Geometrical Fibre Properties

Fibre Type	Core/Mode-field (µm)	Cladding (µm)	Coating (µm)
OM1, OM1 Plus	62.5 ± 3	125 ± 2	245 ± 10
OM2, OM2 Plus, OM3 (XG), OM3 Plus	50 ± 3	125 ± 2	245 ± 10
OS1, LWP	9.2 ± 0.4	125 ± 1	245 ± 5

Optical Cable Specifications

	Maximum Attenuation (db/km)			
	Loose Tube		Tight Buffered	
Multimode	**850 nm**	**1300 nm**	**850 nm**	**1300 nm**
50/125	3.5	1.5	3.5	1.5
62,5/125	3.5	1.5	3.5	1.5
Singlemode	**1310 nm**	**1550 nm**	**1310 nm**	**1550 nm**
9/125	0.45	0.4	0.5	0.45

Zip Twin Cable

AMP NETCONNECT Zip Twin system cable

- Low Smoke Zero Halogen (LSZH)
- Available buffer designs: Tight-Buffer or Easistrip
- Fibre categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 **(XG)**, OM3 *Plus*, OS1
- Tight buffer versions suitable for AMP NETCONNECT Quick Termination Products
- Easistrip suitable for fusion splice and epoxy techniques

Fibre Optic Cabling

LSZH sheath

Aramid strength members

0,9 mm buffered optical fibre
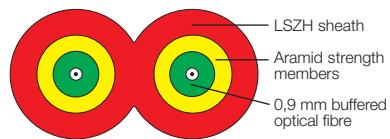
Fibre count	Cable type	Part Number
2	Zip Twin TB	**Y-0599142-X**
2	Zip Twin ES	**Y-0599192-X**

TB = Tight Buffered Construction
ES = Easistrip (providing 30 cm stripping)

-X	Fibre category
-2	OM3 *Plus*
-3	OM3 **(XG)**
-4	OS1
-5	OM1
-6	OM2 *Plus*
-7	OM2
-9	OM1 *Plus*

Y-	Reel size
1-	1 Kilometer
2-	2 Kilometer

Mechanical Performance

Fibre count	Overall-Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Minimum bend radius during installation (mm)
ZipTwin	2,5 x 5,0	14	300	1000	40

Temperature Range

Cable type	Transport/Storage	Installation	Operation
ZipTwin	− 10 to + 70 °C	− 5 to + 70 °C	− 10 to + 70 °C

Packaging

Fibre count	Reel type	Reel Dimensions	
		Flange (mm)	Traverse (mm)
ZipTwin	P6	600	400

Fibre Optic Cabling

Internal/External Office Distribution Cable
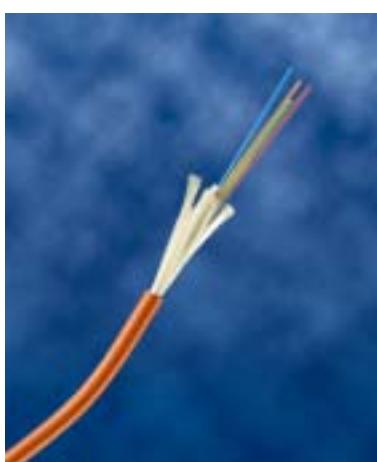
AMP NETCONNECT office distribution system cable

- Universal Low Smoke Zero Halogen (ULSZH)
- For indoor and outdoor applications
- Suitable for backbone and Fibre-to-the-Desk
- Increased strength and durability
- Tight-Buffer construction
- Suitable for all termination techniques
- Fibre categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 **(XG)**, OM3 *Plus*, OS1
- Available fibre count: 4–48
- Option: water swelling E-glass yarns providing rodent resistance and moisture protection

ULSZH sheath
Aramid strength members
0,9 mm buffered optical fibre

Fibre count	Part Number
4	**Y-0599144-X**
6	**Y-0599145-X**
8	**Y-0599146-X**
12	**Y-0599148-X**
16	**Y-0599149-X**
24	**Y-0599151-X**
36	**Y-0599602-X**
48	**Y-0599603-X**

-X	Fibre category
-2	OM3 *Plus*
-3	OM3 **(XG)**
-4	OS1
-5	OM1
-6	OM2 *Plus*
-7	OM2
-9	OM1 *Plus*

Y-	Reel size
1-	1 Kilometer
2-	2 Kilometer

Mechanical Performance

Fibre count	Overall-Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Minimum bend radius during installation (mm)
4	5	27	650	2000	75
6	6	33	1000	2000	90
8	6	35	1000	2000	90
12	7,5	56	1000	2000	115
16	8	61	1000	2000	110
24	14,6	206	1500	2000	280
36	17	280	2000	2000	430
48	17	240	2000	2000	430

Temperature Range

Cable type	Transport/Storage	Installation	Operation
Office Distribution Cable	− 20 to + 70 °C	− 5 to + 50 °C	− 10 to + 70 °C

Packaging

Fibre count	Reel type	Reel Dimensions	
		Flange (mm)	Traverse (mm)
4	P6	600	400
6, 8, 12	P8	860	400
16	P10	1000	500
24	P12	1200	500
36, 48	P14	1400	700

http://www.ampnetconnect.com/EMEA

Internal/External Distribution Cable (Loose Tube)

AMP NETCONNECT loose tube system cable

- Universal Low Smoke Zero Halogen (ULSZH)
- For indoor and outdoor applications
- Available with dry or gel filled tube
- Loose tube construction
- Suitable for all termination techniques
- Fibre categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 **(XG)**, OM3 *Plus*, OS1
- Available fibre count: 4–96 (higher fibre count upon request)
- Aramid yarns

Fibre Optic Cabling

Dry tube version

Fibre count	Part Number
4	**Y-0599152-X**
6	**Y-0599153-X**
8	**Y-0599154-X**
12	**Y-0599156-X**
16	**Y-0599157-X**
24	**Y-0599159-X**
48	**Y-0599605-X**
72	**Y-0599606-X**
96	**Y-0599607-X**

Gel filled tube version

Fibre count	Part Number
4	**Y-0599160-X**
6	**Y-0599161-X**
8	**Y-0599162-X**
12	**Y-0599164-X**
16	**Y-0599165-X**
24	**Y-0599167-X**
48	**Y-0599609-X**
72	**Y-0599610-X**
96	**Y-0599611-X**

-X	Fibre category
-2	OM3 *Plus*
-3	OM3 **(XG)**
-4	OS1
-5	OM1
-6	OM2 *Plus*
-7	OM2
-9	OM1 *Plus*

Y-	Reel size
1-	1 Kilometer
2-	2 Kilometer

ULSZH sheath
Aramid strength members
Loose tube
Fibres
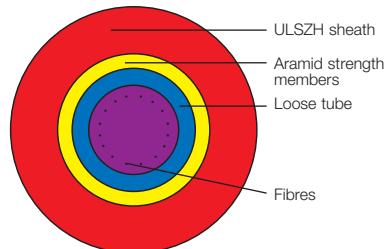
Mechanical Performance

Fibre count	No of tubes/fillers	Overall-Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Minimum bend radius during installation (mm)
4, 6, 8, 12	1	6,4	33	500	2000	140
16	1	7,5	44	500	2000	150
24, 48	4	11,5	125	1000	2000	170
72	6	12,7	155	2700	2000	250
96	8	15	210	2700	2000	300

Temperature Range

| Cable type	Transport/Storage	Installation	Operation
Dry, loose tube	– 10 to + 60 °C	– 5 to + 50 °C	– 10 to + 60 °C
Gel filled, loose tube	– 20 to + 60 °C	– 5 to + 50 °C	– 20 to + 60 °C

Packaging

Fibre count	Reel type	Reel Dimensions	
		Flange (mm)	Traverse (mm)
4, 6, 8, 12, 16	P10	1000	500
24	P12	1200	500
36	P12	1200	500
48, 72	P12	1200	500
96	P14	1400	700

Fibre Optic Cabling

Internal/External Rodent Resistant Non-Metallic Cables

AMP NETCONNECT system cable with non-metallic rodent resistance

- Universal Low Smoke Zero Halogen (ULSZH)
- LDPE sheath upon request
- For indoor and outdoor applications
- For use in ducts and in direct burial applications
- Non-metallic rodent resistant with peripheral strength members
- Water swelling E-glass yarn (moisture protection)
- Available with gel filled or dry tubes
- Loose tube construction
- Suitable for all termination techniques
- Fibre categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 **(XG)**, OM3 *Plus*, OS1
- Available fibre count: 4–48 (higher fibre count upon request)

ULSZH sheath
Water blocking E-glass strength members
Loose tube
Optical fibre
Ripcord
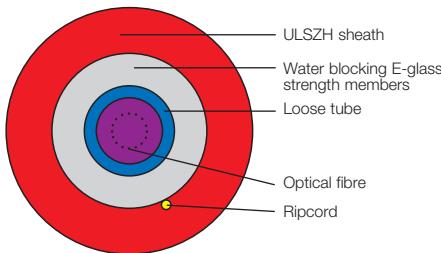
Dry tube version

Fibre count	Part Number
4	**Y-0599614-X**
6	**Y-0599615-X**
8	**Y-0599616-X**
12	**Y-0599617-X**
16	**Y-0599618-X**
24	**Y-0599619-X**
36	**Y-0599620-X**
48	**Y-0599621-X**

Gel filled tube version

Fibre count	Part Number
4	**Y-0599622-X**
6	**Y-0599623-X**
8	**Y-0599624-X**
12	**Y-0599625-X**
16	**Y-0599626-X**
24	**Y-0599627-X**
36	**Y-0599628-X**
48	**Y-0599629-X**

-X	Fibre category
-2	OM3 *Plus*
-3	OM3 **(XG)**
-4	OS1
-5	OM1
-6	OM2 *Plus*
-7	OM2
-9	OM1 *Plus*

Y-	Reel size
1-	1 Kilometer
2-	2 Kilometer

Mechanical Performance

Fibre count	No of tubes/fillers	Overall-Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Minimum bend radius during installation (mm)
4, 6, 8, 12	1	6,4	48	1250	1000	140
16	1	8	74	1250	1000	160
24, 36, 48	4	11,5	105	2000	2000	230

Temperature Range

Cable type	Transport/Storage	Installation	Operation
Dry, loose tube	– 10 to + 70 °C	– 5 to + 50 °C	– 10 to + 70 °C
Gel filled, loose tube	– 20 to + 70 °C	– 5 to + 50 °C	– 20 to + 70 °C

Packaging

Fibre count	Reel type	Reel Dimensions	
		Flange (mm)	Traverse (mm)
4, 6, 8, 12, 16	P10	1000	500
24	P12	1200	500
36, 48	P12	1200	500

System Cable

External Rodent Resistant Non-Metallic Armoured Cables

AMP NETCONNECT loose tube system cable with GRP armouring

- Universal Low Smoke Zero Halogen (ULSZH)
- LDPE sheath upon request
- For external applications where increased resistance to rodent attack is required
- For use in ducts and in direct burial applications
- Non-metallic rodent resistant Glass Reinforced Plastic armouring
- Longitudinal and lateral water resistance
- High crush resistance and high tensile strength
- Gel filled loose tube construction
- Suitable for all termination techniques
- Fibre categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 **(XG)**, OM3 *Plus*, OS1
- Available fibre count: 4–48 (higher fibre count upon request)

Fibre count	Part Number
4	**Y-0599168-X**
6	**Y-0599169-X**
8	**Y-0599170-X**
12	**Y-0599172-X**
16	**Y-0599173-X**
24	**Y-0599175-X**
36	**Y-0599612-X**
48	**Y-0599613-X**

-X	Fibre category
-2	OM3 *Plus*
-3	OM3 **(XG)**
-4	OS1
-5	OM1
-6	OM2 *Plus*
-7	OM2
-9	OM1 *Plus*

Y-	Reel size
1-	1 Kilometer
2-	2 Kilometer

ULSZH sheath
Non-metallic armouring
Water blocking Gel
Central strength member
Wrapping tape
Loose tube
Optical fibres
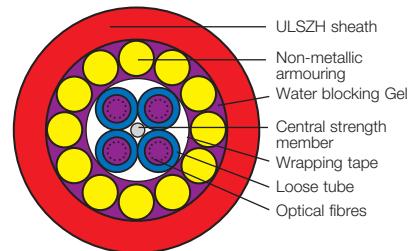
Mechanical Performance

Fibre count	No of tubes/fillers	Overall-Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Minimum bend radius during installation (mm)
4, 6, 8, 12	1	9	94	2000	3000	230
16	1	11	143	3000	3000	280
24, 36, 48	4	15	236	6000	4000	465

Temperature Range

Cable type	Transport/Storage	Installation	Operation
Single tube	– 20 to + 70 °C	– 5 to + 50 °C	– 20 to + 70 °C
Multi tube	– 30 to + 70 °C	– 5 to + 50 °C	– 30 to + 70 °C

Packaging

Fibre count	Reel type	Reel Dimensions	
		Flange (mm)	Traverse (mm)
4, 6, 8, 12, 16	P10	1000	500
24	P14	1400	700
36, 48	P14	1400	700

External Rodent Resistant Cable with Corrugated Steel Armour

AMP NETCONNECT loose tube system cable with metal armour for external applications

- HDPE (High Density Polyethylene)
- Metallic rodent resistance (corrugated steel)
- For use in ducts and in direct burial applications
- Longitudinal and lateral water resistance
- Central gel-filled loose tube construction
- Excellent crush and impact resistance
- Suitable for all termination techniques
- Fibre categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 **(XG)**, OM3 *Plus*, OS1
- Available fibre count: 4–24 (higher fibre count upon request)
- Option: ULSZH sheath for internal and external applications

High Density Polyethylen (HDPE) Sheath
Corrugated steel tape armouring
Loose tube
Water blocking gel
Optical fibres
Water blocking E-glass
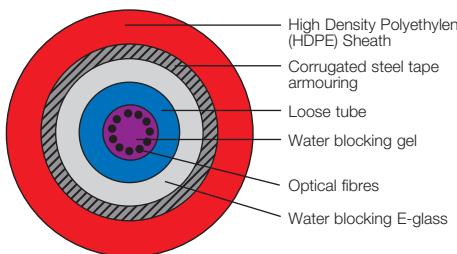
Fibre count	Part Number
4	**Y-0599681-X**
6	**Y-0599682-X**
8	**Y-0599692-X**
12	**Y-0599683-X**
24	**Y-0599690-X**

-X	Fibre category
-2	OM3 *Plus*
-3	OM3 **(XG)**
-4	OS1
-5	OM1
-6	OM2 *Plus*
-7	OM2
-9	OM1 *Plus*

Y-	Reel size
1-	1 Kilometer
2-	2 Kilometer

Mechanical Performance

Fibre count	No of tubes/fillers	Overall-Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Minimum bend radius during installation (mm)
4, 6, 8, 12	1	10	102	1200	3000	200
24	4	10,5	111	1200	3000	210

Temperature Range

Cable type	Transport/Storage	Installation	Operation
Single tube	– 20 to + 70 °C	– 5 to + 50 °C	– 20 to + 70 °C
Multi tube	– 30 to + 70 °C	– 5 to + 50 °C	– 30 to + 70 °C

Packaging

Fibre count	Reel type	Reel Dimensions	
		Flange (mm)	Traverse (mm)
4, 6, 8, 12, 24	P12	1200	600

Fibre Optic Cabling

1 U MT-RJ Patch Panel, International Version

Product Facts:

- MT-RJ panel, 1 U, 19″,
- Holds up to 24 MT-RJ Jacks (see page 68/69)
  or up to 24 MT-RJ Pigtails (see page 80)
- Drawer style, slide and tilt
- Accessories for splicing see page 63
- Incl. management rings
- Splice tray not included

Color: black

Description	Style	MT-RJ quick termination		MT-RJ Fusion splice technology	Part Number
		Workstation Jack**	Panel Jack	Splicing possible	
With 6 cable entries, incl. 2 metric glands	universal	no	yes	yes	**0-1206704-4**
With open backside	universal	no	yes	no	**0-1536663-2**
With open backside	Switzerland	no	yes	no	**3-0101023-1**
With 24 shutters	universal	yes	yes*	yes*	**0-1671003-4**

 * use of workstation SL-housing necessary (see page 68)
** Kit including MT-RJ Jack, SL-Housing and strain relief (see page 68)

1 U ST-Style, SC or LC-Style Patch Panel, International Version

Product Facts:

- Drawer style, 1 U, 19″
- Preinstalled dust covers on unpopulated ports
- Incl. management rings and metric glands
- Available in 300 mm and 220 mm depth
- Available in ST-Style, SC and LC-Style
- Supplied without splicing tray
- Accessories for splicing on page 63

Color: black

Description	300 mm deep	220 mm deep
24 x ST-Style, Multimode		
Unpopulated	**0-1206114-8**	**0-1206480-8**
With 12 adapters	**2-1206114-4**	**2-1206480-4**
With 24 adapters	**4-1206114-4**	**4-1206480-4**
12 x SC Duplex, Multimode		
Unpopulated	**0-1206138-8**	**0-1206505-8**
With 6 adapters	**2-1206138-4**	**2-1206505-4**
With 12 adapters	**4-1206138-4**	**4-1206505-4**
12 x SC Duplex, Singlemode		
Unpopulated	**0-1206138-8**	**0-1206505-8**
With 6 adapters	**2-1348960-4**	**2-1671017-4**
With 12 adapters	**4-1348960-4**	**4-1671017-4**
24 x SC Duplex, Multimode and Singlemode		
Unpopulated	**0-1206343-4**	–
With 24 Multimode adapters	**4-1206343-4**	–
With 24 Singlemode adapters	**4-1671002-4**	–
24 x LC Duplex, Multimode		
Unpopulated	**0-1671000-8**	–
With 12 adapters	**2-1671000-8**	–
With 24 adapters	**4-1671000-8**	–
24 x LC Duplex, Singlemode		
Unpopulated	**0-1671000-8**	–
With 12 adapters	**2-1671000-4**	–
With 24 adapters	**4-1671000-4**	–

Fibre Optic Cabling

1 U ST-Style, SC or LC-Style Patch Panel for German Spoken Countries

Product Facts:

- 1 U, 19″, metal
- Pre-installed adapters
- Pre-installed dustcovers on unpopulated ports
- Alignment sleeve material: Multimode = Metal
  Singlemode = Ceramic
- 2 rear cable entries
- Incl. 1 blindcover and 1 metric pre-installed cable entry plate (german version)
- 8 adhesive cable grommets (swiss version)
- Populated drawerstyle versions comes with splice tray(s) (swiss version)
- Populated fix style versions comes with cable management rings
- Supplied without splicing trays
- Accessories for splicing see page 63

Color: light grey

Description	German style		Swiss style		
	Fix style without Pigtails	Drawer style without Pigtails	Drawer style without Pigtails	Drawer style with 50/125 µm Pigtails	Drawer style with 62,5/125 µm Pigtails
24 x ST-Style, Multimode					
Unpopulated	0-0969614-1	0-0969993-1	0-0101023-0	–	–
With 12 adapters	1-0969616-1	0-0969628-1	0-0101023-1	0-0101023-3	0-0101023-5
With 24 adapters	1-0969618-1	0-0969630-1	0-0101023-2	0-0101023-4	0-0101023-6
12 x ST-Style Duplex/SC Duplex, Multimode					
Unpopulated	0-0969615-1	0-0969994-1	–	–	–
With 6 adapters	1-0969617-2	0-0969629-2	–	–	–
With 12 adapters	1-0969619-2	0-0969631-2	–	–	–
12 x SC Duplex/SC Duplex, Singlemode					
Unpopulated	0-0969615-1	0-0969994-1	–	–	–
With 6 adapters	0-1418730-1	0-1418732-1	–	–	–
With 12 adapters	0-1418731-1	0-1418733-1	–	–	–
12 x SC Duplex/SC Duplex, Multimode					
Unpopulated	0-0969615-1	0-0969994-1	1-0101023-0	–	–
With 6 adapters	1-0969617-1	0-0969629-1	1-0101023-1	1-0101023-3	1-0101023-5
With 12 adapters	1-0969619-1	0-0969631-1	1-0101023-2	1-0101023-4	1-0101023-6
24 x LC Duplex/LC Duplex, Multimode					
Unpopulated	0-1418720-1	0-1418723-1	–	–	–
With 12 adapters	0-1418721-1	0-1418724-1	–	–	–
With 24 adapters	0-1418722-1	0-1418725-1	–	–	–
24 x LC Duplex/LC Duplex, Singlemode					
Unpopulated	0-1418720-1	0-1418723-1	–	–	–
With 12 adapters	0-1418726-1	0-1418728-1	–	–	–
With 24 adapters	0-1418727-1	0-1418729-1	–	–	–
24 x SC Duplex/SC Duplex					
Unpopulated	0-1418734-1	0-1418735-1	–	–	–

Patch Panels

1 U Patch Panel, empty, for 3 Snap-In-Modules

Product Facts:

- 1 U, 19″, metal
- Drawer style
- Accommodates up to 3 Snap-In-Modules (see page 61/62)
- Incl. cable management and metric glands
- Quick release front panel

Color: black

Description	Height	Part Number
Panel for Snap-in-Modules	1 U	**0-1348876-4**
Panel for 3 Snap-in-Modules	1 U	**0-1671082-8**

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	18	9
ST-Style Snap-In-Module, 12 fibres	36	18
SC Snap-In-Module, 6 fibres	18	9
SC Snap-In-Module, 12 fibres	36	18
MT-RJ Snap-In-Module, 12 fibres	36	18
LC Snap-In-Module, 12 fibres	36	18
SC to MPO Cassette, 12 fibres	36	18
MT-RJ to MPO Cassette, 24 fibres	72	36
LC to MPO Cassette, 12 fibres	36	18

2 U Patch Panel, empty, for 4 Snap-In-Modules

Product Facts:

- 2 U, 19″, metal
- Accommodates 4 Snap-In-Modules (see page 61/62)
- Removable back cover for easy installation
- Cable strain relief brackets in back
- Front and rear cable management rings
- Edge guard on front cable entries
- Fits standard 19″ and 23″ racks
- Shown loaded with 6-fibre duplex SC adapter plates (not included)

Color: black

Description	Height	Part Number
Panel for Snap-In-Modules	2 U	**0-0559542-2**

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	24	12
ST-Style Snap-In-Module, 12 fibres	48	24
SC Snap-In-Module, 6 fibres	24	12
SC Snap-In-Module, 12 fibres	48	24
MT-RJ Snap-In-Module, 12 fibres	48	24
LC Snap-In-Module, 12 fibres	48	24
SC to MPO Cassette, 12 fibres	48	24
MT-RJ to MPO Cassette, 24 fibres	96	48
LC to MPO Cassette, 12 fibres	48	24

Fibre Optic Cabling

MPO to MT-RJ Snap-In-Cassettes

Product Facts:

- Simple and flexible premises fibre cabling
- Pre-terminated cassettes with 2 MPO trunk connections
  (2 x 12 fibres) at rear
- MPO trunk cables see page 84
- 12 x MT-RJ at the frontside
- Easy installation, moves, adds and changes
- Fits in all AMP NETCONNECT patch panels for Snap-In-Modules

For more Information see page 127

Fibre type	Fiber count	Part Number	
		Pairs flipped	Pairs straight
62,5 μm, Multimode	24	**0-1391920-1**	**0-1391926-1**
50 μm, Multimode	24	**0-1391922-1**	**0-1391928-1**
50 μm, OM3, 10 GBit XG, Multimode	24	**0-1391931-1**	**1-1391931-1**
9 μm, Singlemode	24	**0-1391924-1**	**0-1391930-1**

MPO to SC Snap-In-Cassettes

Product Facts:

- Simple and flexible premises fibre cabling
- Pre-terminated cassettes with 1 MPO trunk connection
  (1 x 12 fibres) at rear
- MPO trunk cables see page 84
- 6 x SC Duplex at the frontside
- Easy installation, moves, adds and changes
- Fits in all AMP NETCONNECT patch panels for Snap-In-Modules

For more Information see page 127

Fibre type	Fiber count	Part Number	
		Pairs flipped	Pairs straight
62,5 μm, Multimode	12	**0-1391932-1**	**0-1391938-1**
50 μm, Multimode	12	**0-1391934-1**	**0-1391940-1**
50 μm, OM3, 10 GBit XG, Multimode	12	**1-1695133-1**	**0-1695133-1**
9 μm, Singlemode	12	**0-1391936-1**	**0-1391942-1**

MPO to LC Snap-In-Cassettes

Product Facts:

- Simple and flexible premises fibre cabling
- Pre-terminated cassettes with either 1 or 2 MPO trunk connections
  (1 x 12 or 2 x 12 fibres) at rear
- MPO trunk cables see page 84
- Either 6 x LC Duplex or 12 x LC Duplex at the frontside
- Easy installation, moves, adds and changes
- Fits in all AMP NETCONNECT patch panels for Snap-In-Modules

For more Information see page 127

Fibre type	Fiber count	Part Number	
		Pairs flipped	Pairs straight
62,5 μm, Multimode	12	**0-1391914-6**	**0-1391914-5**
50 μm, Multimode	12	**0-1391914-4**	**0-1391914-3**
50 μm, OM3, 10 GBit XG, Multimode	12	**0-1391914-8**	**0-1391914-7**
9 μm, Singlemode	12	**0-1391914-2**	**0-1391914-1**
62,5 μm, Multimode	24	**0-1695355-6**	**0-1695355-5**
50 μm, Multimode	24	**0-1695355-4**	**0-1695355-3**
50 μm, OM3, 10 GBit XG, Multimode	24	**0-1695355-8**	**0-1695355-7**
9 μm, Singlemode	24	**0-1695355-2**	**0-1695355-1**

MT-RJ Snap-In-Modules

Product Facts:

● Holds up to six MT-RJ Jacks (see page 69) or MT-RJ Jack pigtails
  (see page 80)
● Fits in AMP NETCONNECT patch panels for Snap-In-Modules
● Individual ports icon-able (see page 115)

Description	Part Number
Snap-In-Module for 6 MT-RJ Jacks or Jack Pigtails	**0-1278328-3**

ST-Style Snap-In-Modules

Product Facts:

● Fits in all AMP NETCONNECT
  patch panels for Snap-In-Modules

Description	Packaging	Part Number
ST-Style, 6 fibres (Multimode)	1	**0-0559557-1**
ST-Style, 6 fibres (Multimode)	100	**0-0559515-1**
ST-Style, 6 fibres (Singlemode)	1	**0-0559515-2**
ST-Style, 12 fibres (Multimode)	1	**0-1278567-1**
ST-Style, 12 fibres (Singlemode)	1	**0-1278567-2**

12 fibres

6 fibres

SC Snap-In-Modules

Product Facts:

● Fits in all AMP NETCONNECT
  patch panels for Snap-In-Modules

-X	Fibre type
-1	Multimode
-2	Singlemode

Description	Packaging	Part Number
Duplex SC, 6 fibres	1	**0-0559558-X**
Duplex SC, 6 fibres	100	**0-0559516-X**
Duplex SC, 12 fibres	1	**0-0559596-X**

12 fibres

6 fibres

Fibre Optic Cabling

Fibre Optic Cabling

SC to ST-Style Snap-In-Modules

12 fibres
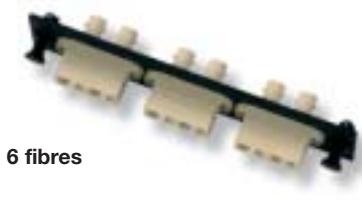
6 fibres

Product Facts:

- Fits in all AMP NETCONNECT patch panels for Snap-In-Modules

Description	Packaging	Part Number
Duplex SC to ST-Style, 6 fibres (Multimode)	1	**0-0559601-1**
Duplex SC to ST-Style, 6 fibres (Multimode)	100	**0-0559601-2**
Duplex SC to ST-Style, 12 fibres (Multimode)	1	**0-1278368-1**

LC Snap-In-Modules

Multimode

Singlemode

Product Facts:

- Fits in all AMP NETCONNECT patch panels for Snap-In-Modules

Description	Packaging	Part Number
LC Duplex, 12 fibres (Multimode)	1	**0-1374463-2**
LC Duplex, 12 fibres (Singlemode)	1	**0-1374463-1**

Snap-In Blank Modules

Description	Packaging	Part Number
Blank modules	1	**0-0559523-1**
Blank modules	100	**0-0559575-1**

Accessories for Patch Panels

Description	Packaging	Part Number
45° cable entry plate for metric glands (german style panels only)	1	**0-1418770-1**
PG 11 Gland (3,5–8 mm)	50	**0-1206144-1**
PG 16 Gland (9–14 mm)	50	**0-1206145-1**
M 20	50	**0-1671054-1**
M 25	50	**0-1671054-2**
Cable management ring kit (2 rings)	1	**0-1206146-1**
Dust cover for ST-Style Cut-Out	1	**0-0969986-1**
Dust cover for SC Simplex Cut-Out	1	**0-1418800-1**
Dust cover for SC Duplex Cut-Out	10	**0-0969987-1**
Grommets for buffer storage	1	**9-0101013-0**
SMOUV splice protector (62 mm)	100	**657054-000**
ANT splice protector	150	**182398-000**

4 U Modular Fibre Distribution Unit

Product Facts:

- 4 U, 19″, metal, black
- Accepts up to 12 fibre modules (see below)
- Integrated drawer for overlength storage
- Optional: front cable management rings

Description	Part Number
Modular fibre distribution unit	**0-0336707-1**
Cable management rings	**0-0336709-1**

Fibre Modules

Product Facts:

- Available with the following connector types: ST-Style, SC, MT-RJ, LC, MU
- Can accomodate the below splice trays (splice trays not included)
- Offers fibre, buffer and loose tube management
- For quick termination techniques and fusion splicing (splice tray needed)

Fibre modules	Part Number
6 x MT-RJ for MT-RJ Workstation Jacks and SL Housings, unpopulated	**0-0336720-1**
6 x SC Duplex, Multimode	**0-0336711-4**
6 x SC Duplex, Singlemode	**0-0336711-6**
6 x SC Duplex Cutout, unpopulated	**0-0336711-1**
6 x ST-Style Duplex, Multimode	**0-0336711-3**
6 x ST-Style Duplex, Singlemode	**0-0336711-2**
6 x ST-Style/SC Duplex, Multimode	**0-0336711-5**
6 x ST-Style/SC Duplex, Singlemode	**0-0336711-7**
12 x SC Simplex Cutout, unpopulated	**0-0336714-1**
12 x MT-RJ adapter	**0-0336714-2**
12 x SC Simplex, Singlemode	**0-0336714-5**
12 x SC Simplex, Singlemode APC	**0-0336714-7**
6 x LC Duplex, unpopulated (SC-Simplex Cutout)	**0-1671044-1**
6 x LC Duplex, Singlemode	**0-1671044-2**
6 x LC Duplex, Multimode	**0-1671044-3**
blank	**0-0336721-1**
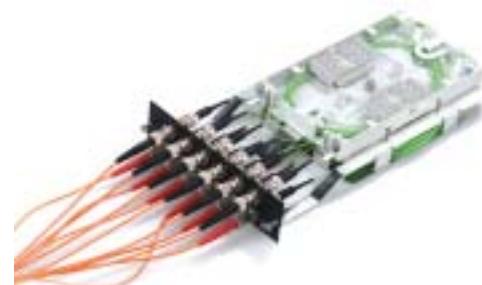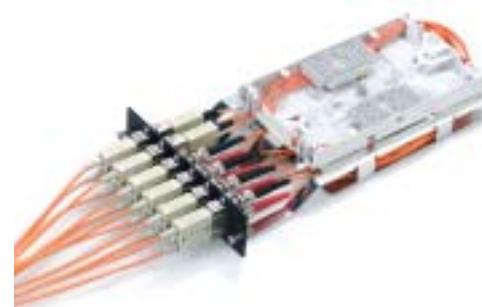
Splice Trays

Product Facts:

- Delivered with cover
- Splice protectors not included (see page 62)

Universal Splice Tray FOSC-500 AA*

Description	Part Number
For 24 SMOUV (62 mm) splice protectors	**E96145-000**
For 24 ANT splice protectors	**D81297-000**

*fits in: – all 1 U patch panel, international style
    – modular fibre distribution unit
    – MT-RJ Panels (Part Numbers **0-1206704-4** and **0-1671003-4)**

Fibre Optic Cabling

Fibre Optic Cabling

Wall Mount Enclosure for 2 Modules, Unloaded, No Side Door

Product Facts:

- Accepts 2 Snap-In-Modules (see page 61/62)
- Optional lock available
- Optional grommets available
- Reversible cable strain relief bracket
- Internal cable management rings and securing devices
- Loop storage for distribution cables
- Recessed, easy-to-use door latches
- Dimensions (for exact dimensions consult customer drawing):
  8″ (20 cm) H x 4″ (10 cm) D x 8″ (20 cm) W

Description	Part Number
Wall mount enclosure, unloaded	0-1278323-2
Grommets	0-0559496-2

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	12	6
ST-Style Snap-In-Module, 12 fibres	24	12
SC Snap-In-Module, 6 fibres	12	6
SC Snap-In-Module, 12 fibres	24	12
MT-RJ Snap-In-Module, 12 fibres	24	12
LC Snap-In-Module, 12 fibres	24	12

Wall Mount Enclosure for 2 Modules, Unloaded, With Side Door
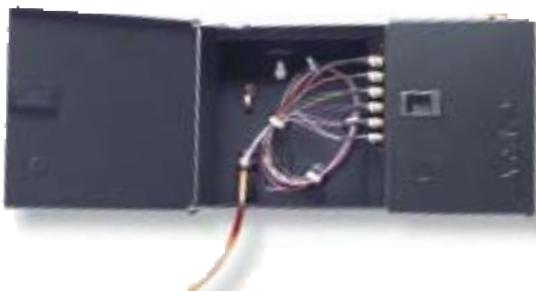
Product Facts:

- Accepts 2 Snap-In-Modules (see page 61/62)
- Optional lock available
- Optional grommets available
- Designed for intrabuilding or campus backbone applications
- Reversible cable strain relief bracket
- Internal cable management rings and securing devices
- Loop storage for distribution cables
- Recessed, easy-to-use door latches
- Dimensions (for exact dimensions consult customer drawing):
  8″ (20 cm) H x 4″ (10 cm) D x 15″ (38 cm) W

Description	Part Number
Wall mount enclosure, unloaded	0-0559560-2
Grommets	0-0559496-2
Lock	0-0559501-2

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	12	6
ST-Style Snap-In-Module, 12 fibres	24	12
SC Snap-In-Module, 6 fibres	12	6
SC Snap-In-Module, 12 fibres	24	12
MT-RJ Snap-In-Module, 12 fibres	24	12
LC Snap-In-Module, 12 fibres	24	12
SC to MPO Cassette, 12 fibres	24	12
MT-RJ to MPO Cassette, 24 fibres	48	24
LC to MPO Cassette, 12 fibres	24	12

Wall Mount Enclosure for 4 Modules, Unloaded, No Side Door

Product Facts:

- Accepts 4 Snap-In-Modules (see page 61/62)
- Integral hasp for use with off-the-shelf padlocks
- Designed for intrabuilding or campus backbone applications
- Recessed, easy-to-use door latches
- Dimensions (for exact measurements consult customer drawings):
  12″ (30 cm) H x 3″ (7,7 cm) D x 12″ (30 cm) W

Description	Part Number
Wall mount enclosure, unloaded	**0-1435128-1**

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	24	12
ST-Style Snap-In-Module, 12 fibres	48	24
SC Snap-In-Module, 6 fibres	24	12
SC Snap-In-Module, 12 fibres	48	24
MT-RJ Snap-In-Module, 12 fibres	48	24
LC Snap-In-Module, 12 fibres	48	24
SC to MPO Cassette, 12 fibres	48	24
MT-RJ to MPO Cassette, 24 fibres	96	48
LC to MPO Cassette, 12 fibres	48	24

Wall Mount Enclosure for 4 Modules, Unloaded, With Side Door

Product Facts:

- Accepts 4 Snap-In-Modules (see page 61/62)
- Optional lock available
- Optional grommets available
- Designed for intrabuilding or campus backbone applications
- Reversible cable strain relief bracket
- Internal cable management rings and securing devices
- Loop storage for distribution cables
- Recessed, easy-to-use door latches
- Dimensions (for exact dimensions consult customer drawing):
  15″ (38 cm) H x 4″ (10 cm) D x 13.5″ (34 cm) W

Description	Part Number
Wall mount enclosure, unloaded	**0-0559561-2**
Grommets	**0-0559496-2**
Lock	**0-0559501-2**

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	24	12
ST-Style Snap-In-Module, 12 fibres	48	24
SC Snap-In-Module, 6 fibres	24	12
SC Snap-In-Module, 12 fibres	48	24
MT-RJ Snap-In-Module, 12 fibres	48	24
LC Snap-In-Module, 12 fibres	48	24
SC to MPO Cassette, 12 fibres	48	24
MT-RJ to MPO Cassette, 24 fibres	96	48
LC to MPO Cassette, 12 fibres	48	24

Fibre Optic Cabling

Fibre Optic Cabling

Wall Mount Enclosure for 6 Modules, Unloaded, With Side Door

Product Facts:
- Accepts 6 Snap-In-Modules (see page 61/62)
- Optional lock available
- Optional grommets available
- Splice tray holder kit available
- Designed for intrabuilding or campus backbone applications
- Reversible cable strain relief bracket
- Recessed, easy-to-use door latches
- Dimensions (for exact dimensions consult customer drawing):
  16.5″ (40 cm) H x 14″ (35.5 cm) D x 5″ (13 cm) W

Description	Part Number
Unloaded wall mount enclosure	**0-1278755-1**
With grommets and cable glands	**0-1278755-3**
With grommets, cable glands and splice tray holder	**0-1278755-4**
Splice tray holder kit	**0-1374526-1**
Grommets	**0-0559496-2**
Lock	**0-0559501-2**

Description	Fibre Density	Duplex Port Density
ST-Style Snap-In-Module, 6 fibres	36	12
ST-Style Snap-In-Module, 12 fibres	72	36
SC Snap-In-Module, 6 fibres	36	12
SC Snap-In-Module, 12 fibres	72	36
MT-RJ Snap-In-Module, 12 fibres	72	36
LC Snap-In-Module, 12 fibres	72	36
SC to MPO Cassette, 12 fibres	72	36
MT-RJ to MPO Cassette, 24 fibres	144	72
LC to MPO Cassette, 12 fibres	72	36

Wall Mount Enclosure, Loaded

Product Facts:
- Integral hasp for use with off-the-shelf padlocks
- Designed for intrabuilding or campus backbone applications
- Recessed, easy-to-use door latches
- Dimensions (for exact measurements consult customer drawings):
  12″ (30 cm) H x 3″ (7,7 cm) D x 12″ (30 cm) W

Description	Fibre Density	Duplex Port Density	Part Number
With 12 ST-Style Multimode adapters	12	6	**0-1435129-1**
With 24 ST-Style Multimode adapters	24	12	**0-1435129-2**
With 6 SC Duplex Multimode adapters	12	6	**0-1435130-1**
With 12 SC Duplex Multimode adapters	24	12	**0-1435130-2**

Fibre Optic Cabling

FibrBoss Wall Mount Splice Enclosure, with Hingeable Splice Trays

Product Facts:

- Accept up to 4 hingeable splice trays
- Max. 48 splices from 900 to 250 µm
- Max. 96 splices from 250 to 250 µm
- Dimensions: 42 x 14 x 35 cm (W x D x H)

Description	Part Number
FibrBoss Wall Mount Enclosure	**D24193-000**
FibrBoss splice tray for 24 splices with ANT splice protectors	**321442-000**
FibrBoss splice tray for 24 splices with SMOUV splice protectors	**032054-000**

FIST Wall Mount Splice Enclosure, Building Entrance Point

Product Facts:

- Building entrance point to connect outside cabling to inhouse cabling
- Max. 96 fibres
- 16 universal mounting system units (UMS)
- Dimensions: 22 x 11 x 32,5 cm (W x D x H)

Description	UMS units	Part Number
FIST MB2-S wall mount splice enclosure	16	**406222-000**
FIST SOSA2 splice module for 12 SMOUV splice protectors	2	**536788-000**
FIST SOSA2 splice module for 12 ANT splice protectors	2	**124962-000**
FIST SOSA2 single fibre splice module for max. 4 SMOUV splice protectors	1	**377602-000**
FIST SOSA2 single fibre splice module for max. 4 ANT splice protectors	1	**887646-000**

FOSC In-Line Splice Closure for Outside Cabling

Product Facts:

- Environmentally sealed enclosure for fibre management in outside/campus cabling systems
- Aerial, underground or direct buried applications
- Cold sealing with gel
- Incl. FOSC-500AA splice tray for max 24 splices

Description	Part Number
FOSC In-line splice closure for 24 ANT splice protectors	**909090-000**
FOSC In-line splice closure for 24 SMOUV splice protectors	**861528-000**

Fibre Optic Cabling

MT-RJ Jacks

Product Facts

- Field installable MT-RJ Jack with 2 pre-terminated fibres
- No epoxy, no polish, no crimp
- Can be re-terminated
- Jack version eliminates the need for a separate adapter
- With bend limiting boot and SL housing

AMP NETCONNECT 10 GBit Ethernet Systems
XG 10 Gb/s approved

For more Information see page 127

ENSURED PERFORMANCE
L AT OPTIMIZED PHYSICAL CONTACT

MT-RJ Workstation Jacks

Product Facts:

- For installation on 900 µm tight buffered fibre
- Re-usable, with bendlimiting boot
- SL housing white, other colors available (see table)

-X	Color
-1	almond
-2	black
-3	white
-4	grey
-5	orange
-6	blue
-7	red
-8	yellow
-9	green

Description	Part Number
50/125 µm	0-1278414-1
62,5/125 µm	0-1278415-1
10 GBit XG	1-1278414-2
SL housings	0-1374416-X

MT-RJ Secure Workstation Jacks

Product Facts:

- Color-coded
- Features keyed jacks and plugs to limit access to secure networks
- For installation on 900 µm tight buffered fibre
- Secured, keyed patch cords see page 81

-X	Color
-1	red
-2	yellow
-3	green
-4	blue

Description	Part Number
50/125 µm	0-1278811-X
62,5/125 µm	0-1278810-X

For termination tool kits see page 105 ff

Connectivity

Fibre Optic Cabling

MT-RJ Panel Jacks

Product Facts:

- Fits in AMP NETCONNECT MT-RJ patch panel
- Optional bend limiting boot

Description	Fibre/Buffer type	Packaging	Part Number
50/125 µm	for 250 µm coated fibre	6	**0-1278303-1**
62,5/125 µm	for 250 µm coated fibre	6	**0-1278303-2**
10 GBit XG	for 250 µm coated fibre	6	**0-1278303-4**
50/125 µm	for 900 µm buffered fibre	6	**0-1588880-1**
62,5/125 µm	for 900 µm buffered fibre	6	**0-1588880-2**
10 GBit XG	for 900 µm buffered fibre	6	**0-1588880-3**
Bend limiting boot	–	6	**0-1374208-2**

MT-RJ Secure Panel Jacks

Product Facts:

- Color coded
- Features keyed jacks and plugs to limit access to secure networks
- Fits in AMP NETCONNECT MT-RJ patch panel
- Optional bend limiting boot
- Secured, keyed patch cords see page 81

-X	Color
-1	red
-2	yellow
-3	green
-4	blue

Description	Fibre/Buffer type	Packaging	Part Number
50/125 µm	for 250 µm coated fibre	6	**0-1278807-X**
62,5/125 µm	for 250 µm coated fibre	6	**0-1278808-X**
10 GBit XG	for 250 µm coated fibre	6	**0-1693951-X**
50/125 µm	for 900 µm buffered fibre	6	**0-1588879-X**
62,5/125 µm	for 900 µm buffered fibre	6	**0-1588878-X**
10 GBit XG	for 900 µm buffered fibre	6	**0-1693949-X**

For termination tool kits see page 105 ff

Fibre Optic Cabling

ST-Style Connector Kits

boot 3,0 mm

boot 0,9 mm

connector body

crimp eyelet

dust cover

Product Facts

- High performance pre-radiussed ferrules
- ST-Style compatible bayonet coupling
- Multimode or singlemode
- Durability: 0,2 dB change after 1000 cycles (MM)
- Temperature range: –20°C to +75°C
- Insertion loss typ. < 0,3 dB
- Available in DieCast and overmolded (OVM) version
- For tools see page 108 ff.

Ferrule	Connector body/bayonet	3 mm boot	0,9 mm boot	Crimp eyelet	Fibre type	Packaging	Part Number
Ceramic	OVM/Metal	no	no	yes	MM	1000	**0-0503676-1**
Ceramic	OVM/Metal	yes	no	yes	MM	1000	**0-0503677-1**
Ceramic	DieCast/Metal	yes	no	yes	SM	1000	**0-0502580-2**
Ceramic	DieCast/Metal	no	yes	yes	SM	1000	**0-0503613-2**

Bend limiting boots, package quantity 100

Cable boot, short, 3 mm, black   Part Number **0-0501457-1**
Cable boot, short, 3 mm, red   Part Number **1-0501457-0**
Buffer boot, 0,9 mm, black   Part Number **0-0503628-2**

SC Connector Kits

Product Facts

- High performance pre-radiussed ferrules
- SC compatible JIS C-5973
- Multimode or singlemode
- Durability: 0,2 dB change after 1000 cycles (MM)
- Temperature range: –40°C to +85°C
- Insertion loss typ. < 0,2 dB
- Available in simplex and duplex
- For tools see page 108 ff.

Type	Ferrule	3 mm boot	0,9 mm boot	Crimp eyelet	Fibre type	Packaging	Part Number
Simplex	Ceramic	yes	no	yes	MM	10	**0-0503948-1**
Simplex	Ceramic	yes	no	yes	SM	10	**0-0504646-2**
Duplex	Ceramic	yes	no	yes	MM	10	**0-0504657-1**
Duplex	Ceramic	yes	no	yes	SM	10	**0-0504655-1**

Bend limiting boots, package quantity 1000

Cable boot, short, 3 mm, black   Part Number **1-0503971-0**
Cable boot, short, 3 mm, red   Part Number **1-0503971-1**
Cable boot, short, 3 mm, beige   Part Number **0-0503971-1**
Buffer boot, 0,9 mm, black   Part Number **0-1457493-3**
Buffer boot, 0,9 mm, beige   Part Number **0-1457493-9**

Clips for making one Duplex SC
out of two Simplex.
(2 Clips needed.)

Part Number **0-1348522-1**

LC-Style Connector Kits

Fibre Optic Cabling

Product Facts:

● Multimode and singlemode (Telcordia GR-326 tested)
● Universal connector body:
  – common body for simplex or duplex
  – common body for jumper or buffer applications
● Field installable duplex clip
● Tensile proof strength doubled
● Improve side load strength

Type	Ferrule	Fibre type	Packaging	Part Number
Simplex	Ceramic	MM	1	**0-1588705-1**
Simplex	Ceramic	SM	1	**0-1588709-1**
Duplex	Ceramic	MM	1	**0-1588707-1**
Duplex	Ceramic	SM	1	**0-1588711-1**

Clip for making a Duplex LC out of 2 Simplex.

Part Number **0-1374728-2** (beige)
Part Number **0-1374728-1** (blue)

Fibre Optic Cabling

Adapters SC Duplex/ST-Style

Product Facts:
● Suitable for any ST-style and SC connector
● Available for singlemode and multimode

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Metal	almond	Clip/Screw	MM	10	**0-0504663-4**
Plastic	Ceramic	almond	Clip/Screw	MM	10	**0-0503137-6**
Plastic	Ceramic	blue	Clip/Screw	SM	10	**0-0503137-5**

Adapters SC Simplex/ST-Style

Product Facts:
● Suitable for any SC simplex connector
● Available for singlemode and multimode

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Metal	almond	Clip/Screw	MM	10	**0-0502780-3**
Plastic	Ceramic	blue	Clip/Screw	SM	10	**0-0502780-5**
Plastic	Ceramic	almond	Clip/Screw	MM	10	**0-0502780-6**

Adapters ST-Style Simplex/ST-Style Simplex 2,5 mm Bayonet

Product Facts:
● Suitable for any ST-style simplex connector
● Available for singlemode and multimode

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Metal	Metal	–	–	MM	1	**0-0504021-1**
Metal	Metal	–	–	MM	50	**0-0504021-2**
Metal	Ceramic	–	–	SM	50	**0-0502750-1**
Metal	Polymer	–	–	MM	1	**0-0501381-1**

Fibre Optic Cabling

Adapters SC Duplex/SC Duplex

Product Facts:
- Suitable for any SC duplex connector
- Available for singlemode and multimode

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Metal	almond	Clip/Screw	MM	10	**0-0504640-1**
Plastic	Ceramic	blue	Clip/Screw	SM	10	**1-0502776-1**
Plastic	Ceramic	almond	Clip/Screw	MM	10	**1-0502776-2**

Adapters SC Simplex/SC Simplex

Product Facts:
- Suitable for any SC simplex connector
- Available for singlemode and multimode

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Metal	almond	Clip/Screw	MM	10	**0-0504614-1**
Plastic	Ceramic	blue	Clip/Screw	SM	10	**1-0502632-1**
Plastic	Ceramic	almond	Clip/Screw	MM	10	**1-0502632-2**

Adapters SC-APC/SC-APC

Product Facts:
- Suitable for any SC-APC connector
- Available in Singlemode

Simplex

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Ceramic	green/with strap	Clip/Screw	SM	10	**4-0106901-4**
Plastic	Ceramic	green/without strap	Clip/Screw	SM	10	**2-0106901-6**
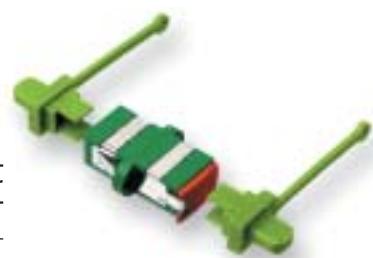
Duplex

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Ceramic	green	Clip/Screw	SM	10	**2-0502776-3**

Fibre Optic Cabling

Adapters LC Duplex/LC Duplex

Product Facts:
- Suitable for any LC duplex connector
- Fits in any SC-Simplex cut-out
- Available for singlemode and multimode

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	Ceramic	blue	Clip/Screw	SM	10	**0-1457567-4**
Plastic	Metal	almond	Clip/Screw	MM	10	**0-1457567-8**
Plastic	Ceramic	green	Clip/Screw	SM	10	**0-1457567-6**
Plastic	Ceramic	almond	Clip/Screw	MM	10	**0-1457567-5**

Adapters MT-RJ/MT-RJ

Product Facts:
- Suitable for MT-RJ connectors (1 connector with guide pins, the other without pins)
- Duplex coupler fits in SC duplex cut out
- Available for singlemode and multimode

Simplex

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	–	almond	Clip/Screw	MM/SM	1	**0-1200502-1**

Duplex

Housing	Sleeve	Color	Mounting	Application	Packaging	Part Number
Plastic	–	almond	Clip/Screw	MM	10	**0-1374906-1**
Plastic	–	blue	Clip/Screw	SM	10	**0-1374906-5**

AMP CORELINK Mechanical Splice

Mechanical Quick Termination

The CORELINK splice is easy to use, high performance mechanical splice for 125 µm singlemode and multimode fibres. Its unique clamping mechanism is activated with a simple key, no other tool is required. The splice is remateable-either fibre can be removed and replaced in the splice at any time.

Product Facts:
● No fusion splice necessary
● Torsion resistant
● Bellcore TR-765 tested
● For multimode and singlemode
● For tight buffer, semi tight and loose tube
● For 250 µm coating and 900 µm buffer
● Cleaving tools see page 108
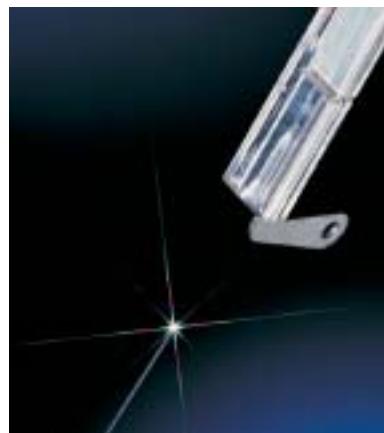
Instruction sheet for CORELINK

CORELINK splice
english   Part Number **408-4019**

Technical Data (Singlemode and Multimode)

Color	Insertion loss typical (dB)	Return loss typical (dB)	Application	Temperature range	Dimensions
Transparent	≤ 0,1	– 55	SM	–40 °C to +80 °C	51 x 7,6 x 3,3 mm
Transparent blue	≤ 0,3	N/A	MM	–40 °C to +80 °C	51 x 7,6 x 3,3 mm

CORELINK Splices

Product Facts:
● Mechanical splice
● re-usable

Replacement keys

Description	Part Number
12 CORELINK Splices for multimode	**0-0503901-1**
12 CORELINK Splices for singlemode	**0-0503577-1**
2 Replacement keys in key holder	**0-0503681-1**

Splice Holder for CORELINK Splices

Product Facts:
● 31,8 x 61,0 mm Elastomer holder for 6 or 12 CORELINK splices
● For mount in splice boxes or in distribution boxes

Description	Part Number
Splice holder for 6 CORELINK splices	**0-0559066-1**
Splice holder for 12 CORELINK splices	**0-0559087-1**
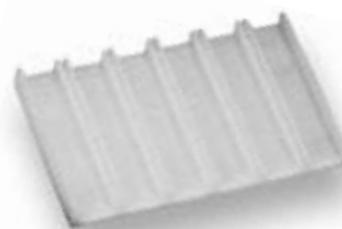
Workstation for CORELINK Splices

Product Facts:
● For easy and safe installation of the CORELINK splices

Description	Part Number
CORELINK Workstation	**0-0503605-1**

Fibre Optic Cabling
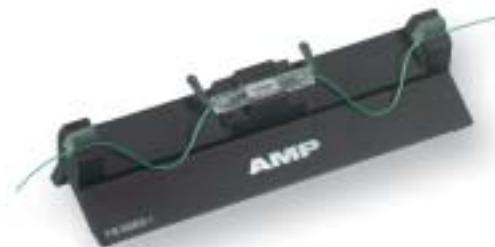
AMP LightCrimp Plus Connectors

Product Facts:
- Easiest and quickest fibre termination (less than one minute)
- Factory polished for consistent high quality and finish (no paper required)
- No epoxy, curing or UV-light required
- Available for ST-Style, SC and LC
- Complies with the relevant TIA/EIA, IEC, CECC und EN/IS standards

Technical Data

Ferrule	Insertion loss typical (dB)	Temperature range
Ceramic	0,3	−10 °C bis +60°C

Instruction Sheet LightCrimp Plus

LightCrimp Plus ST-Style english	Part Number **411-4457**
LightCrimp Plus SC english	Part Number **411-4471**
LightCrimp Plus LC english	Part Number **408-8925**

LightCrimp Plus ST-Style Connectors

Product Facts:
- ST-Style Connectors
- Ceramic ferrule
- With pre-installed and pre-polished fibre

Fibre	Packaging	Part Number
Simplex 50/125 µm	10	**0-1278082-1**
Simplex 62,5/125 µm	10	**0-0492642-1**

LightCrimp Plus SC Connectors

Clips to connect two 2 SC simplex-to one SC duplex connector. (2 clips needed)

Part Number **0-1348522-1**

Product Facts:
- SC connector (simplex or duplex)
- Ceramic ferrule
- With pre-installed and pre-polished fibre

Fibre	Packaging	Part Number
Simplex 50/125 µm	10	**0-1278079-1**
Simplex 62,5/125 µm	10	**0-0492643-1**
Simplex 10 GBit XG 50/125 µm	10	**0-1588291-1**
Simplex 9/125 µm (250 µm + 900 µm only)	10	**0-1693276-1**
Duplex 50/125 µm	10	**0-1278080-1**
Duplex 62,5/125 µm	10	**0-1278009-1**
Duplex 10 GBit XG 50/125 µm	10	**0-1588292-1**
Duplex 9/125 µm (250 µm + 900 µm only)	10	**0-1693278-1**

LightCrimp Plus LC Connectors

Clip for making a Duplex LC out of 2 Simplex.

Part Number **0-1374728-2** (beige)
Part Number **0-1374728-1** (blue)

Product Facts:
- LC connector (simplex or duplex)
- Ceramic ferrule
- With pre-installed and pre-polished fibre

Fibre	Packaging	Part Number
Simplex 50/125 µm	10	**0-1754483-2**
Simplex 62,5/125 µm	10	**0-1754483-1**
Simplex 10 GBit XG 50/125 µm	10	**0-1754483-3**
Simplex 9/125 µm (250 µm + 900 µm only)	10	**0-1754482-1**
Duplex 50/125 µm	10	**0-1754485-2**
Duplex 62,5/125 µm	10	**0-1754485-1**
Duplex 10 GBit XG 50/125 µm	10	**0-1754485-3**
Duplex 9/125 µm (250 µm + 900 µm only)	10	**0-1754484-1**

Fibre Optic Cabling

AMP LightCrimp Connector

Product Facts:
- No epoxy, just polish
- Cleave, crimp, polish and connect
- High performance pre-radiussed ferrules
- Reduced polishing time
- Each connector comes in a kit containing accessories needed to terminate to 900 μm buffer, 250 μm coating and 3 mm cable
- Compliant with TIA/EIA, IEC, CECC and EN standards

Technical Data

Ferrule	Insertion loss (dB)	Temperature range
Ceramic	0,15	−40 °C to +85 °C
Stainless steel	0,15	−25 °C to +85 °C

Instruction Sheet for LightCrimp

LightCrimp ST-Style english   Part Number **411-9860**
LightCrimp SC english   Part Number **411-4066**
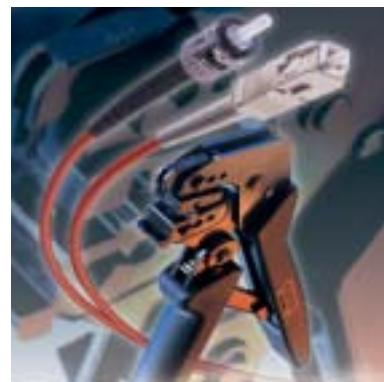
LightCrimp Connector ST-Style

Product Facts:
- ST-Style connector
- Multimode and singlemode
- With strain relief and crimp eyelet

Fibre	Ferrule	Packaging	Part Number
Multimode	Ceramic	1	**0-0504600-1**
Multimode	Ceramic	100	**0-0503902-1**
Multimode	Stainless steel	1	**0-0504034-1**
Singlemode	Ceramic	100	**0-0504000-1**

LightCrimp Connector SC

Product Facts:
- SC connector (simplex or duplex)
- Ceramic ferrule
- With strain relief and crimp eyelet

Fibre	Ferrule	Packaging	Part Number
Simplex MM	Ceramic	10	**0-0503692-1**
Duplex MM	Ceramic	10	**0-0503693-1**

Clips to connect two SC simplex connectors to one SC duplex connector (2 clips needed).

Part Number **0-1348522-1**

For Termination tool kits see page 105 ff

Fibre Optic Cabling

Wall Outlets for Dado Trunking

Product Facts:
- Available color codes: RAL 1013 (almond)
  RAL 9010 (pure white)
- Plastic housing
- Available in unpopulated versions and with pre-loaded adapters
- Installation accessories see page 95

Application
- Wall outlet for all Fibre-to-the-Desk applications

Y-	Color
0-	almond
2-	pure white

Adapter Type	Description	Sleeve	Color	Part Number
Unpopulated	DIN Outlet, for SC Duplex or SC/ST-Style Duplex Adapter	N/A	see table	**Y-0966936-2**
	DIN Outlet, for 2 x MT-RJ Jacks	N/A	see table	**Y-0966936-5**
	"Mosaic" Outlet 45 x 45 mm, for SC-Duplex, ST-Style or MT-RJ	N/A	pure white	**0-0183931-1**
ST-Style	DIN Outlet, 1 x ST-Style Duplex	Metal	see table	**Y-0969732-1**
	DIN Outlet, 2 x ST-Style Duplex	Metal	see table	**Y-0969733-6**
ST-Style/SC	DIN Outlet, 1 x ST-Style/SC-Duplex	Metal	see table	**Y-0969733-3**
	DIN Outlet, 2 x ST-Style/SC-Duplex	Metal	see table	**Y-0969733-4**
SC	DIN Outlet, 1 x SC-Duplex	Metal	see table	**Y-0969733-1**
	DIN Outlet, 2 x SC-Duplex	Metal	see table	**Y-0969733-2**
MT-RJ	DIN Outlet, 2 x MT-RJ Jacks 50/125 µm incl. cable management	N/A	almond	**1-1534780-2**
	DIN Outlet, 2 x MT-RJ Jacks 50/125 µm incl. cable management	N/A	pure white	**1-1534780-4**
	DIN Outlet, 2 x MT-RJ Jacks 62,5/125 µm incl. cable management	N/A	almond	**1-1534780-1**
	DIN Outlet, 2 x MT-RJ Jacks 62,5/125 µm incl. cable management	N/A	pure white	**1-1534780-3**

Outlets for Ackermann Floor Boxes
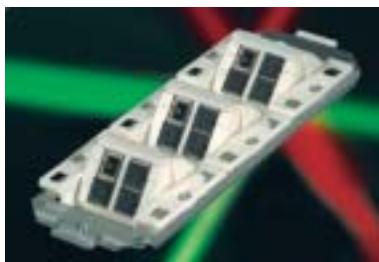
Product Facts:
- **For Ackermann floor boxes GESB and GES9B**
- For mounting frames (see page 95) substituting Ackermann Snap-In floor box
- Color: beige

Ackermann is a Trademark of Honeywell

Description	Sleeve	Application	Packaging	Part Number
1x SC Duplex Adapter	Metal	MM	10	**0-0969999-1**
2x SC Duplex Adapter	Metal	MM	10	**0-0969999-2**
1x SC-ST-Style Duplex Adapter	Metal	MM	10	**0-0969999-3**
2x SC-ST-Style Duplex Adapter	Metal	MM	10	**0-0969999-4**
1x ST-Style Duplex Adapter	Metal	MM	10	**0-0969999-5**
2x ST-Style Duplex Adapter	Metal	MM	10	**0-0969999-6**
2x SC-ST-Style Duplex Adapter Metal	Metal	MM	10	**0-0969999-7**
2x SC-ST-Style Duplex Adapter Metal	Ceramic	SM	10	**0-0969999-8**
2x MT-RJ Jacks	unpopulated	MM	10	**0-0966474-1**

Cable Management for 2 Port Wall Outlets

Product Facts:
- Cable management with strain relief for the cable
- For all DIN style wall outlets (see above)

Description	Part Number
Cable management	**0-1534332-1**

Fibre Optic Cabling

SC and ST-Style Assemblies

Cable sheath:	LSZH
Cable diameter:	2,5 mm Twin Zip
Buffer:	0,9 mm EasyStrip
Ferrule:	Ceramic

MT-RJ Assemblies

Cable sheath:	LSZH
Cable diameter:	1,8 mm Mini Twin Zip
Buffer:	0,6 mm
Ferrule:	Thermoset

LC Assemblies

Cable sheath:	LSZH
Cable diameter:	1,8 mm Mini Twin Zip
Buffer:	0,6 mm
Ferrule:	Ceramic

**All assemblies are factory tested and come with a test protocol.
All assemblies are machine polished providing highest quality with controlled endface specifications.**

For more Information see page 127

XG 10 Gb/s approved — AMP NETCONNECT 10 GBit Ethernet System

For all OM3 XG cable assemblies

Singlemode Patchcords and Pigtails

Connector type	Tuned	Insertion loss, typ.	Insertion loss, max.*	Return loss, min.	Temp.-Range
SC, PC	No	0,2 dB	0,5 dB	> 45 dB	–25 °C/+70 °C
SC, PC	Yes	0,15 dB	0,5 dB	> 45 dB	–25 °C/+70 °C
SC, APC, 8°	No	0,15 dB	0,3 dB	> 65 dB	–25 °C/+70 °C
SC, APC, 8°	Yes	0,15 dB	0,5 dB	> 65 dB	–25 °C/+70 °C
SC, APC, 9°	No	0,15 dB	0,3 dB	> 70 dB	–25 °C/+70 °C
SC, APC, 9°	Yes	0,15 dB	0,5 dB	> 70 dB	–25 °C/+70 °C
ST-Style, PC	No	0,2 dB	0,5 dB	> 45 dB	–25 °C/+70 °C
ST-Style, PC	Yes	0,15 dB	0,5 dB	> 45 dB	–25 °C/+70 °C
MT-RJ	No	0,3 dB	0,75 dB**	> 35 dB	–10 °C/+60 °C
LC, PC	No	0,1 dB	0,5 dB	> 55 dB	–25 °C/+70 °C
LC, PC	Yes	0,1 dB	0,3 dB	> 55 dB	–25 °C/+70 °C

 * against reference
** random mated

Multimode Patchcords

Connector type	Insertion loss, max.*	Return loss, min.	Temp.-Range
SC, PC	0,3 dB	> 20 dB	–10 °C/+60 °C
ST-Style, PC	0,3 dB	> 20 dB	–10 °C/+60 °C
MT-RJ**	0,5 dB	> 20 dB	–10 °C/+60 °C
LC, PC	0,3 dB	> 20 dB	–10 °C/+60 °C

 * against reference
** random mated

Fibre Optic Cabling

MT-RJ Jack Pigtails

Product Facts:
- Fits in all AMP NETCONNECT MT-RJ patch panels
- colored housing optional available
- Technical specifications see page 79

Type	Fibre	Color	Length	Part Number
MT-RJ Jack Pigtail MM	50/125 µm	black	3 m	**0-1348942-1**
MT-RJ Jack Pigtail MM	62,5/125 µm	black	3 m	**0-1348941-1**
MT-RJ Jack Pigtail SM	9/125 µm	blue	3 m	**0-1391366-1**
MT-RJ Jack Pigtail MM	10 GBit XG, 50/125 µm	black	3 m	**0-1536556-1**
Single housing	–	see table	–	**0-1374416-X**

-X	Color
-1	almond
-2	black
-3	white
-4	grey
-5	orange
-6	blue
-7	red
-8	yellow
-9	green

ST-Style Pigtails

Product Facts:
- Technical specifications see page 79

Type	Fibre	Length	Part Number
ST-Style MM	50/125 µm	1 m	**0-0349569-2**
ST-Style MM	50/125 µm	2 m	**0-0349569-4**
ST-Style MM	62,5/125 µm	1 m	**0-0349582-2**
ST-Style MM	62,5/125 µm	2 m	**0-0349582-4**

Other lengths on request!

SC-Pigtails

Product Facts:
- Technical specifications see page 79

Type	Fibre	Length	Part Number
SC MM	50/125 µm	1 m	**0-0349568-2**
SC MM	50/125 µm	2 m	**0-0349568-4**
SC MM	62,5/125 µm	1 m	**0-0349584-2**
SC MM	62,5/125 µm	2 m	**0-0349584-4**
SC/PC SM tuned	9/125 µm	1 m	**0-0233582-1**
SC/PC SM tuned	9/125 µm	2 m	**0-0233582-2**
SC/PC SM untuned	9/125 µm	1 m	**0-0233266-1**
SC/PC SM untuned	9/125 µm	2 m	**0-0233266-2**
SC 10 GBit XG MM	50/125 µm	2 m	**0-1536555-2**
SC 10 GBit XG (Striplength ca. 0,8 m) MM	50/125 µm	2 m	**0-1536561-2**

Other lengths on request!

LC-Pigtails
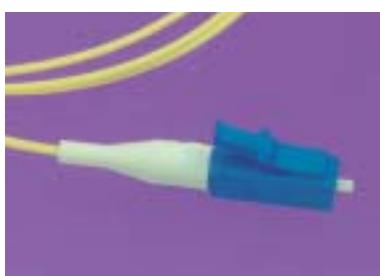
Product Facts:
- Technical specifications see page 79

-X	Length
-1	1 m
-2	2 m

Type	Fibre	Part Number
LC MM	50/125 µm	**0-1536975-X**
LC MM	62,5/125 µm	**0-1536974-X**
LC SM tuned	9/125 µm	**0-1536880-X**
LC SM untuned	9/125 µm	**0-1536879-X**
LC 10 GBit XG, MM	50/125 µm	**0-1536966-X**

Other lengths on request!

Fibre Optic Cabling

MT-RJ/MT-RJ Patch Cords

Product Facts:

● Technical specifications see page 79

Description	Part Number
Standard 50/125 µm, MM	**Y-1206617-X**
Standard 62,5/125 µm, MM	**Y-1206613-X**
Standard 9/125 µm, SM	**Y-1206621-X**
Secure Red 50/125 µm, MM	**Y-1278873-X**
Secure Red 62,5/125 µm, MM	**Y-1278890-X**
Secure Yellow 50/125 µm, MM	**Y-1278874-X**
Secure Yellow 62,5/125 µm, MM	**Y-1278891-X**
Secure Green 50/125 µm, MM	**Y-1278875-X**
Secure Green 62,5/125 µm, MM	**Y-1278892-X**
Secure Blue 50/125 µm, MM	**Y-1278876-X**
Secure Blue 62,5/125 µm, MM	**Y-1278893-X**
10 GBit XG 50/125 µm, OM3, MM	**Y-1536462-X**

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Other lengths on request!

MT-RJ/ST-Style Duplex Patch Cords

Product Facts:

● Technical specifications see page 79

Description	Part Number
Standard 50/125 µm Duplex, MM	**Y-1206620-X**
Standard 62,5/125 µm Duplex, MM	**Y-1206616-X**
Secure Red 50/125 µm, MM	**Y-1278881-X**
Secure Red 62,5/125 µm, MM	**Y-1278898-X**
Secure Yellow 50/125 µm, MM	**Y-1278882-X**
Secure Yellow 62,5/125 µm, MM	**Y-1278899-X**
Secure Green 50/125 µm, MM	**Y-1278883-X**
Secure Green 62,5/125 µm, MM	**Y-1278900-X**
Secure Blue 50/125 µm, MM	**Y-1278884-X**
Secure Blue 62,5/125 µm, MM	**Y-1278901-X**

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Other lengths on request!

MT-RJ/SC Duplex Patch Cords

Product Facts:

● Technical specifications see page 79

Description	Part Number
Standard 50/125 µm Duplex, MM	**Y-1206619-X**
Standard 62,5/125 µm Duplex, MM	**Y-1206615-X**
Standard 9/125 µm Duplex, SM	**Y-1206623-X**
Secure Red 50/125 µm, MM	**Y-1278877-X**
Secure Red 62,5/125 µm, MM	**Y-1278894-X**
Secure Yellow 50/125 µm, MM	**Y-1278878-X**
Secure Yellow 62,5/125 µm, MM	**Y-1278895-X**
Secure Green 50/125 µm, MM	**Y-1278879-X**
Secure Green 62,5/125 µm, MM	**Y-1278896-X**
Secure Blue 50/125 µm, MM	**Y-1278880-X**
Secure Blue 62,5/125 µm, MM	**Y-1278897-X**
10 GBit XG Duplex, 50/125 µm, OM3, MM	**Y-1536463-X**

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Other lengths on request!

MT-RJ/LC Duplex Patch Cords

Product Facts:

● Technical specifications see page 79

Description	Part Number
50/125 µm Duplex, MM	**Y-1536512-X**
62,5/125 µm Duplex, MM	**Y-1536513-X**
9/125µm Duplex, SM	**Y-1536511-X**
10 GBit XG Duplex, 50/125 µm, OM3, MM	**Y-1536968-X**

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Other lengths on request!

ST-Style Duplex/ST-Style Duplex Patch Cords

Other lengths on request!

Product Facts:

● Technical specifications see page 79

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Description	Part Number
50/125 µm, MM	Y-0349561-X
62,5/125 µm, MM	Y-0349574-X
9/125 µm, SM	Y-1206158-X

SC Duplex/SC Duplex Patch Cords

Other lengths on request!

Product Facts:

● Technical specifications see page 79

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Description	Part Number
50/125 µm, MM	Y-0349565-X
62,5/125 µm, MM	Y-0349578-X
9/125 µm, SM	Y-1348260-X
10 GBit XG, 50/125 µm, OM3, MM	Y-1536464-X

SC Duplex/ST-Style Duplex Patch Cords
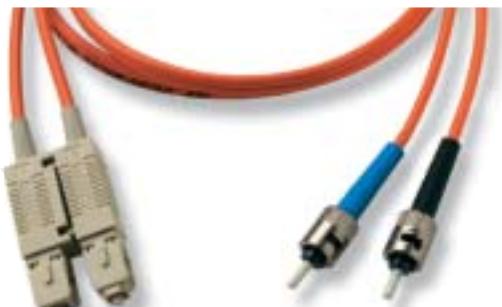
Other lengths on request!

Product Facts:

● Technical specifications see page 79

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Description	Part Number
50/125 µm, MM	Y-0349567-X
62,5/125 µm, MM	Y-0349580-X

SC Duplex/LC Duplex Patch Cords

Other lengths on request!

Product Facts:

● Technical specifications see page 79

Y- -X	Length
0- -1	1 m
0- -2	2 m
0- -3	3 m
0- -5	5 m
1- -0	10 m

Description	Part Number
50/125 µm, MM	Y-1536509-X
62,5/125 µm, MM	Y-1536510-X
9/125 µm, SM	Y-1536508-X
10 GBit XG, 50/125 µm, OM3, MM	Y-1536967-X

LC Duplex/LC Duplex Patch Cords

Product Facts:
● Technical specifications see page 79

Y-	-X	Length
0-	-1	1 m
0-	-2	2 m
0-	-3	3 m
0-	-5	5 m
1-	-0	10 m

Description	Part Number
50/125 µm, MM	**Y-1536502-X**
62,5/125 µm, MM	**Y-1536503-X**
9/125 µm, SM	**Y-1536501-X**
10 GBit XG, 50/125 µm, OM3, MM	**Y-1536969-X**

Other lengths on request!

Mode Conditioning Patch Cords

Product Facts:
● For use of Gigabit Ethernet 1000Base-LX on MM fibres
● For 50 µm and 62,5 µm fibres
● LSZH sheath
● Standard length 3 m or 5 m

-X	Length
-3	3 m
-5	5 m

Description	Part Number
SC-Duplex to SC-Duplex, 50/125 µm	**0-1206820-X**
SC-Duplex to SC-Duplex, 62,5/125 µm	**0-1206821-X**
SC-Duplex (SM) to ST-Style Duplex, 50/125 µm	**0-1348269-X**
SC-Duplex (SM) to ST-Style Duplex, 62,5/125 µm	**0-1348271-X**
MT-RJ (SM) to ST-Style Duplex, 50/125 µm	**0-1536445-X**
MT-RJ (SM) to ST-Style Duplex, 62,5/125 µm	**0-1536444-X**
MT-RJ (SM) to SC-Duplex, 50/125 µm	**0-1536447-X**
MT-RJ (SM) to SC-Duplex, 62,5/125 µm	**0-1536446-X**
SC-Duplex (SM) to MT-RJ, 50/125 µm	**0-1536769-X**
SC-Duplex (SM) to MT-RJ, 62,5/125 µm	**0-1536770-X**

Fibre Optic Cabling
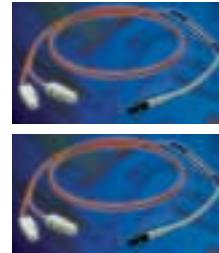
Pre-terminated MPO Trunk Cable

AMP NETCONNECT offers the products you need for quick and easy installation of high performance data center and storage area network applications. Combining pre-terminated cable assemblies and cassettes makes installation as simple as "plug-and-go": mounting the cassettes, pulling or placing the cables, and plugging the cables into the cassettes. Networks can be up and running in days, not weeks or months.

XG 10 Gb/s approved
AMP NETCONNECT 10 GBit Ethernet System

For more Information see page 127

All cable assemblies delivered with pulling socks.

Product Facts:
- Factory pre-terminated assemblies
- Cables terminated with high density MPO connectors
- High packing density up to 72 fibres on 1U
- Different fan out configurations
- All cords with protocol, for constant and reliable quality
- For use with MPO cassettes see page 60
- In MM and SM design
- Customer specific demands on request
- LSZH sheath

Fibre	Version	Part Number/Fibre count				
		12	24	48	72	96
62,5/125 µm, MM	OM1	Y-1391975-X	Y-1391978-X	Y-1391981-X	Y-1391984-X	Y-1391987-X
50/125 µm, MM	OM2	Y-1391976-X	Y-1391979-X	Y-1391982-X	Y-1391985-X	Y-1391988-X
50/125 µm, MM	OM3 (XG)	Y-1695135-X	–	Y-1695471-X	Y-1695470-X	Y-1695469-X
9/125 µm, SM	OS1	Y-1391977-X	Y-1391980-X	Y-1391983-X	Y-1391986-X	Y-1391991-X

All pairs straight. (Complete link needs one component with flipped pairs!)

Y- -X	Length
0- -1	10 m
0- -2	20 m
0- -3	30 m
0- -4	40 m
0- -5	50 m

Y- -X	Length
0- -6	60 m
0- -7	70 m
0- -8	80 m
0- -9	90 m
1- -0	100 m

Y- -X	Length
1- -1	110 m
1- -2	120 m
1- -3	130 m
1- -4	140 m
1- -5	150 m

Y- -X	Length
1- -6	160 m
1- -7	170 m
1- -8	180 m
1- -9	190 m
2- -0	200 m

Y- -X	Length
2- -1	210 m
2- -2	220 m
2- -3	230 m
2- -4	240 m
2- -5	250 m

Y- -X	Length
2- -6	260 m
2- -7	270 m
2- -8	280 m
2- -9	290 m
3- -0	300 m

MPO Fanout Cords
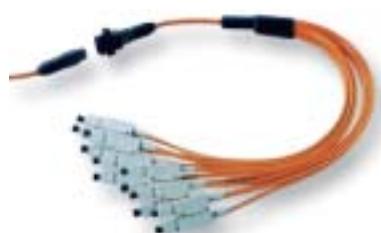
Product Facts:
- Available in different lengths
- LSZH sheath (Fanout cord 2 mm jacketed LSZH)
- Configuration with other connector types on request

Y- -X	Length
0- -5	5,0 m
1- -0	10,0 m
1- -5	15,0 m
2- -0	20,0 m

Description	Part Number
MPO to 12 x ST-Style	
62,5/125 µm, MM	Y-1391961-X
50/125 µm, OM3 (XG), MM	Y-1695459-X
MPO to Male ST-Style	
9 µm, small fanout, SM	Y-1695359-X
MPO to 12 x SC	
62,5/125 µm, MM	Y-1391953-X
50/125 µm, MM	Y-1391954-X
50/125 µm, OM3 (XG), MM	Y-1695460-X

Description	Part Number
MPO to 6 x MT-RJ	
62,5/125 µm, MM	Y-1391956-X
50/125 µm, MM	Y-1391957-X
50/125 µm, OM3 (XG), MM	Y-1695461-X
9/125 µm, SM	Y-1391958-X
MPO to 12 x LC	
62,5/125 µm, MM	Y-1695462-X
50/125 µm, MM	Y-1695195-X
50/125 µm, OM3 (XG), MM	Y-1695464-X
9/125 µm, SM	Y-1695463-X

Accessories

MPO Coupler Receptacle	0-1588172-2
MPO Coupler Snap-In Module (6 ports)	0-1374598-1
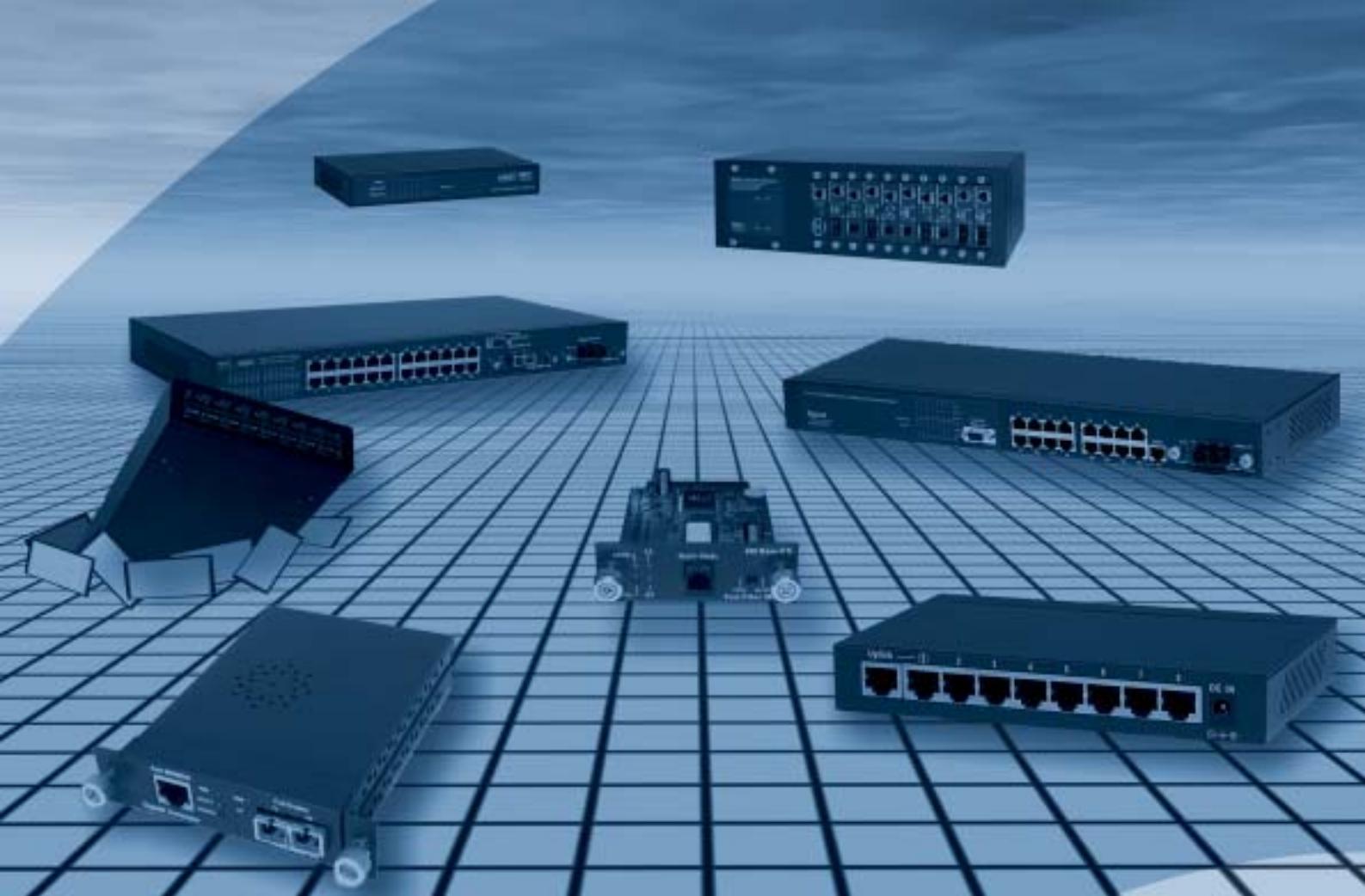
Active Components for Ethernet LANs

- ● PoE Midspan Units
  - – 8 or 24 port units
  - – All ports fully powered (15,4 W)
  - – Supports 10/100/1000Base-T

- ● W-LAN Access Point
  - – Dual Band, Tri-mode
  - – Corporate grade Access Point

- ● Ethernet Media Converters
  - – 10/100 MBit/s to 100Base-FX
  - – 10/100/1000 MBit/s to 1000Base-FX
  - – Auto-MDI/MDI-X detection
  - – SNMP Managed Converter

- ● Compact Switches
  - – 5, 8, 16 or 24 port
  - – Compact, user friendly devices
  - – Ideal for SOHO environments

- ● Smart Switches
  - – 8, 16 or 24 ports
  - – Optional fibre uplinks MT-RJ, SC, ST)
  - – Simple configuration using console port
  - – Controllable VLAN's
  - – Ideal for small to medium workgroups

- ● SNMP Managed Switches
  - – 8 or 24 ports
  - – Optional fibre uplinks (MT-RJ, SC, ST)
  - – Advanced functionality
    (SNMP, TELNET and VLAN's)
  - – Full network management capabilities

4.

Ethernet LAN Solutions

Ethernet LAN Solutions

PoE Midspan Units

Power over Ethernet (PoE) according to IEEE 802.3af defines the simultaneous provision of low voltage and Ethernet data signals over a cabling system compliant to the ISO 11801:2002 standard. Now, remote devices like VoIP phones, W-LAN Access Points, security devices and much more can be powered remotely.

The AMP NETCONNECT PoE Midspan devices allow the insertion of power into as many as 8 (8 port version) or 24 outlets (24 port version) while providing Ethernet, Fast Ethernet and Gigabit Ethernet data. Up to three devices of the 8 Port version or one device of the 24 port version can be mounted into a 19″, 1 U rack space.

Product Facts:

- 8 or 24 Port PoE Midspan Unit
- IEEE 802.3af compliant
- Supports 10/100/1000 MBit/s Ethernet
- 19" metal frame mountable
- Universal 110/220 V (50/60 Hz) power supply
- Full power on every port (15,4 W)

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
24 Port PoE Midspan unit	**0-1591187-X**
8 Port PoE Midspan unit	**0-1591184-X**
19" mounting frame 1 U for 3 Midspan units	**0-1591185-0**

Wireless LAN Access Point

The Tyco Wireless Access Point delivers a cost-effective, highly secure and SNMP managed solution for a wide range of business, government, hot-spot, industrial and corporate applications. With leading edge radios, robust management and ultra-high security, this versatile access point delivers business class W-LAN support for large and medium size enterprises.

Product Facts:

- Simultaneous and seamless operation on both 2.4 GHz and the 5 GHz bands on same product
- Full compliance with the IEEE802.11a, 11b and 11g standards
- Data rates up to 54 MBit/s
- Roaming support
- Power-over-Ethernet eliminates the need for local AC power
- SNMP management together with Web, Telnet and Console port
- High level Encryption using WPA for standard networks
- 802.1x Authentication using TLS, T-TLS and MD5 for financial grade networks
- Hidden SSID facilities
- MAC Access Control Lists

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
Dual Band Wireless Access Point – SNMP Managed	**0-1591700-X**
Power-over-Ethernet Cable Adapter	**0-1591710-X**

Ethernet LAN Solutions

Media Converters support all current Ethernet standards and enable easy extension of 10Base-T, 100Base-TX and 1000Base-T RJ-45 LAN circuits from routers, switches, NICs and other Ethernet devices over optical fibres. This allows greater distances to be covered or, for example, the connection of two workgroups. Support for single fibre WDM also available.

Common Features:

- Easy Plug-and-Play installation
- Auto negotiates the required data rate
- Auto-MDI/MDI-X detection – eliminates cross-over cables
- Increased network resilience through Link Loss Forwarding
- Both SM and MM supported
- Single fibre WDM converters supported
- Rack mountable
- External main power supply and rack mount kits are provided

10/100 MBit/s Ethernet Media Converter

Product Facts:

- 10/100 MBit/s RJ-45 Copper port
- Auto-MDI/MDI-X detection
- 100Base-FX fibre port
- Dimensions: 85 x 120 x 26 mm (W x D x H)

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
10/100M Multimode SC Media Converter	**0-1591024-X**
10/100M Multimode ST-Style Media Converter	**0-1591026-X**
10/100M Multimode MT-RJ Media Converter	**0-1591028-X**
10/100M Singlemode – Single Fibre WDM 1300 nm Converter	**0-1591029-X**
10/100M Singlemode SC Media Converter	**0-1591030-X**
10/100M Singlemode – Single Fibre WDM 1550 nm Converter	**0-1591031-X**

Gigabit Ethernet Media Converter

Product Facts:

- 10/100/1000 MBit/s RJ-45 Copper port
- Auto-MDI/MDI-X detection
- 1000Base-SX or 1000Base-LX fibre port
- Dimensions: 85 x 120 x 26 mm (W x D x H)

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
1000Base-SX (multimode) Media Converter	**0-1591020-X**
1000Base-LX (singlemode) Media Converter	**0-1591022-X**

10 Slot 19″ Rack Mount Chassis System

Product Facts:

- Supports up to 10 Media Converters
- Different Media Converter types can be mixed
- Hot-Swappable Converters
- A second power supply can be fitted
- Exceptionally reliable dual redundant power system can be Hot-Swapped
- Dimensions: 440 x 226 x 133 mm (W x D x H)
- Internal cooling fan
- Includes kit for mounting in 19″ racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
10 Slot Chassis System with 1 Power Unit	**0-1591032-X**
Spare/Redundant AC Power Unit for Chassis	**0-1591034-0**

Ethernet LAN Solutions

This range of fully managed Media Converters support all current Ethernet standards and enable easy extension of 10Base-T, 100Base-TX and 1000Base-T RJ-45 LAN circuits from routers, switches, NICs and other Ethernet devices over managed optical fibres. Located in a 19" chassis system they are ideal for telecom and corporate applications where a number of fibre links need to be managed and controlled from a central location.

Common Features:

- Easy Plug-and-Play installation
- Auto negotiate the required data rate
- Auto-MDI/MDI-X detection – eliminates cross-over cables
- Increased network resilience through Link Loss Forwarding
- Both SM and MM fibres supported
- Single fibre WDM converters supported
- Rack mountable
- AC and DC PSUs supported
- 16 individual Plug in cards supported
- Management by Console, Web or SNMP

SNMP Managed Ethernet Converter Card
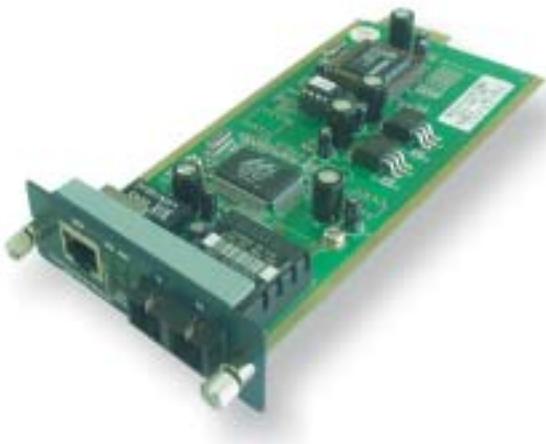
Product Facts:

- 10/100/1000 MBit/s RJ-45 Copper port
- Auto-MDI/MDI-X detection
- Full configuration via managed chassis
- 100Base-FX fibre port
- Link loss forwarding
- Range of fibre optic ports

Model	Part Number
1000M Multimode SX SC Media Converter	**0-1591510-0**
1000M Singlemode LX SC Media Converter	**0-1591512-0**
10/100M Multimode SC Media Converter	**0-1591514-0**
10/100M Multimode ST Media Converter	**0-1591516-0**
10/100M Multimode MT-RJ Media Converter	**0-1591518-0**
10/100M Singlemode SC Media Converter	**0-1591520-0**
10/100M Singlemode – Single Fibre WDM 1550 nm Converter	**0-1591522-0**

16 Slot 19" Rack Mount SNMP Chassis System

Product Facts:

- Supports up to 16 fully managed media converters
- Management card included
- Different media converter types can be mixed
- Hot-swappable converters
- A second power supply can be fitted
- AC or 48 V DC
- Exceptionally reliable dual redundant power system can be hot-swapped
- Internal cooling fans
- Includes kit for mounting in 19" racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
16 Slot SNMP Managed Converter Chassis (AC)	**0-1591500-X**
Spare/Redundant AC Power Unit	**0-1591504-0**
Spare/Redundant DC Power Unit	**0-1591506-0**

Ethernet Compact Switches

Ethernet LAN Solutions

These un-managed switches are simple plug-and-play units that can be used "straight from the box". This makes them ideal for local workgroups, small offices and SOHO applications.
Some switches have either a fixed or optional fibre uplink port to enable high-speed connections to backbones, servers and NIC cards.

Common Features:

- 10/100 MBit/s RJ-45 copper ports (UTP/STP)
- Auto-negotiation
- Auto-MDI/MDI-X detection – eliminates cross-over cables
- Easy Plug-and-Play installation
- LED's display switch status

5 Port Compact Ethernet Switch

Product Facts:

- 5 RJ-45 Copper ports
- All 5 ports up-linkable via auto-MDI/MDI-X detection
- 10/100 MBit/s
- External power supply provided
- Dimensions: 110 x 70 x 19 mm (W x D x H)
- Weight 0.5 kg

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
5 Port Compact Ethernet Switch	0-1591090-X

8 Port Compact Ethernet Switch

Product Facts:

- 8 RJ-45 Copper ports
- All 8 ports up-linkable via auto-MDI/MDI-X detection
- 10/100 MBit/s
- External power supply provided
- Dimensions: 164 x 100 x 26 mm (W x D x H)
- Weight 0.5 kg

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
8 Port Compact Ethernet Switch	0-1591036-X

16 Port Compact Ethernet Switch

Product Facts:

- 16 RJ-45 Copper ports
- 10/100 MBit/s
- Internal AC auto-ranging power supply
- Dimensions: 250 x 133 x 37 mm (W x D x H)
- Weight 2.0 kg
- Includes kit for mounting in 19″ racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
16 Port Compact Ethernet Switch	0-1591070-X

24 Port Compact Ethernet Switch

Product Facts:

- 24 RJ-45 Copper ports
- 10/100 MBit/s
- Internal AC auto-ranging power supply
- Dimensions: 250 x 133 x 37 mm (W x D x H)
- Weight 2.0 kg
- Includes kit for mounting in 19″ racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
24 Port Compact Ethernet Switch	0-1591072-X

Ethernet LAN Solutions

These high performance Ethernet smart switches are ideal for linking small workgroups or departments to remote servers or routers using the 100 MBit/s uplink port. These are simple to use plug-and-play devices and can be used "straight from the box". In addition these smart switches can be configured using the local RS232 console port to control functions such as VLAN assignments and port enable/disable modes.

Common Features:

- 10/100 MBit/s RJ-45 copper ports (UTP/STP)
- Auto-negotiation
- Auto-MDI/MDI-X detection – eliminates cross-over cables
- LED's display switch status
- Manageable via RS232 console port
- Management allows Ports and VLAN's to be controlled and duplex modes set
- Internal AC auto-ranging power supply

8 Port 10/100 MBit/s Smart Switch With Integrated Fibre Uplink

Product Facts:

- 8 RJ-45 Copper ports + 1 fibre uplink port (100Base-FX)
- Dimensions: 250 x 132 x 37 mm (W x D x H)
- Weight 1.0 kg
- Fits 10" racking
- Kit for mounting in 19" racking available on Page 92

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
8 Port S/UTP Smart Switch with MM SC uplink	0-1591038-X
8 Port S/UTP Smart Switch with MM ST-style uplink	0-1591040-X
8 Port S/UTP Smart Switch with MM MT-RJ uplink	0-1591042-X
8 Port S/UTP Smart Switch with SM SC uplink	0-1591044-X

16 Port 10/100 MBit/s Smart Switch II With Optional Dual Fibre Uplink

Product Facts:

- 16 RJ-45 Copper ports
- 10/100 MBit/s
- Opt. 100Base-FX Fibre or Dual GBit Uplink available
- Dimensions: 440 x 230 x 44 mm (W x D x H)
- Weight 2.5 kg
- Includes kit for mounting in 19" racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
16 Port S/UTP Smart Switch II	0-1591047-X
SC Multimode Fibre Plug-In Option Module	0-1591094-0
ST Multimode Fibre Plug-In Option Module	0-1591095-0
SC Singlemode Fibre Plug-In Option Module	0-1591096-0
Dual SC Gigabit Multimode SX Option Module	0-1591097-0
Dual SC Gigabit Singlemode LX Option Module	0-1591098-0
Dual Gigabit Copper 1000Base-T Option Module	2-1591019-0

24 Port 10/100 MBit/s Smart Switch II With Optional Dual Fibre Uplink

Product Facts:

- 24 RJ-45 Copper ports
- 10/100 MBit/s
- Opt. 100Base-FX Fibre or Dual GBit Uplink available
- Dimensions: 440 x 230 x 44 mm (W x D x H)
- Weight 2.5 kg
- Includes kit for mounting in 19" racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
24 Port S/UTP Smart Switch II	0-1591093-X
SC Multimode Fibre Plug-In Option Module	0-1591094-0
ST Multimode Fibre Plug-In Option Module	0-1591095-0
SC Singlemode Fibre Plug-In Option Module	0-1591096-0
Dual SC Gigabit Multimode SX Option Module	0-1591097-0
Dual SC Gigabit Singlemode LX Option Module	0-1591098-0
Dual Gigabit Copper 1000Base-T Option Module	2-1591019-0

Ethernet SNMP Managed Switches

These easy to install, high performance switches support SNMP, VLAN's and Quality-of-Service. This capability is ideal for network managers who want to have full control of their network and plan to implement these switches in distributed workgroups.

Common Features:

- 10/100 MBit/s RJ-45 copper ports (UTP/STP)
- Auto-negotiation
- Auto-MDI/MDI-X detection – eliminates cross-over cables (not on 16 port version)
- Easy Plug-and-Play installation
- LED's display switch status
- Manageable via RS232 console port and web browser
- Management allows Ports and VLAN's to be controlled and duplex modes set
- Spanning Tree Protocol support
- Internal AC auto-ranging power supply

8 Port 10/100 MBit/s SNMP Smart Switch With Integrated Fibre Uplink

Product Facts:

- 8 RJ-45 Copper ports + 1 fibre uplink port (100Base-FX)
- Dimensions: 250 x 132 x 37 mm (W x D x H)
- Weight 1.0 kg
- Fits 10″ racking
- Kit for mounting in 19″ racking available on Page 92

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
8 Port S/UTP SNMP Smart Switch with MM SC uplink	0-1591074-X
8 Port S/UTP SNMP Smart Switch with MM ST-style uplink	0-1591076-X
8 Port S/UTP SNMP Smart Switch with MM MT-RJ uplink	0-1591078-X
8 Port S/UTP SNMP Smart Switch with SM SC uplink	0-1591080-X

24 Port 10/100 MBit/s SNMP Smart Switch With Optional Fibre Uplink

Product Facts:

- 24 RJ-45 Copper ports
- 10/100 MBit/s
- MAC address security
- 2 x Optional 100 MBit/s Fibre Uplink available or 2 x Optional 1000 MBit/s Fibre Uplink available (SX or LX)
- Dimensions: 440 x 230 x 44 mm (W x D x H)
- Weight 2.5 kg
- Includes kit for mounting in 19″ racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
24 Port S/UTP SNMP Smart Switch	0-1591058-X
1000Base-SX Multimode Uplink Module	0-1591060-0
1000Base-LX Multimode Uplink Module	0-1591062-0
100Base-FX Multimode SC Uplink Module	0-1591082-0
100Base-FX Multimode MT-RJ Uplink Module	0-1591084-0
100Base-FX Singlemode SC Uplink Module	0-1591086-0
100/1000Base-T Copper RJ-45 Uplink Module	0-1591088-0

Ethernet LAN Solutions

Ethernet LAN Solutions

24 Port 10/100 MBit/s Stackable Managed Switch With Optional Dual Uplink

Product Facts:

- 24 RJ-45 copper ports (UTP/STP)
- 10/100 MBit/s
- Support IP Management Stacking
- Can support 8 Units per IP Stack
- Support for Single Optional 100Mbit/s Fibre Uplink
- Support for Dual Gigabit Optional fibre or UTP/STP
- Dimensions 440 x 161 x 44 mm (W x D x H)
- Weight 2.0 kg
- Includes Kit for mounting in 19″ racking

-X	Power Cord for
-2	Europe
-3	Switzerland
-4	Italy
-5	Denmark
-7	UK, Ireland

Model	Part Number
24 Port Stackable Managed Switch	**0-1591099-X**
100Base-FX SC Multimode Fibre Plug-In Option Module	**0-1591094-0**
100Base-FX ST Multimode Fibre Plug-In Option Module	**0-1591095-0**
100Base-FX SC Singlemode Fibre Plug-In Option Module	**0-1591096-0**
Dual Gigabit Multimode SX Plug-In Option Module	**0-1591097-0**
Dual Gigabit Singlemode LX Plug-In Option Module	**0-1591098-0**
Dual Gigabit Copper 1000Base-T Plug-In Option Module	**2-1591019-0**

Rack Mount Kit
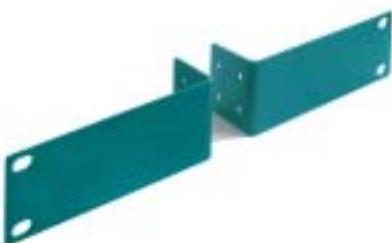
Product Facts:

- Rack Mount kit to enable 250 mm wide devices to be installed in 19″ racking

Model	Part Number
19″ Rack Mount Kit	**0-1591068-0**

International Power Supplies:

All products are supplied with the required power cord. To specify the correct power cord for your country substitute the number below for the '-x' suffix in the order code. The most common types are shown below – international types also available on request.

European Standard
Suffix: **-2**

Switzerland
Suffix: **-3**

Italy
Suffix: **-4**

Denmark
Suffix: **-5**

Great Britain and Ireland
Suffix: **-7**

Universal Faceplates and Outlets

● Outlet styles to meet every need

● Shielded or Unshielded Copper as well as Fibre

● Standard and Angled Outlets available

● Single, Double and Multiple Gang Outlets available

● The 5 most popular European installation
  environments are represented
  – DIN (Germany)
  – US Standard (USA)
  – BS (Great Britain)
  – CH (Switzerland)
  – "Mosaic" (France)

● Stainless steel faceplates for EtherSeal

● A comprehensive range of accessories
  is available

● Blanking plates also available

5.

Universal
Outlets/Faceplates
(unpopulated)

Universal Outlets/Faceplates

DIN 3 Port Angled Outlet

Product Facts:

- 3 port outlet to accept up to 3 SL Series Jacks
- 50 x 50 mm footprint
- Supplied complete with 2 removable / replaceable blanking plates
- Supplied complete with back plate and label holder
- Individual ports are iconable (see page 115)

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

Description	Part Number
50 x 50 mm DIN 3 port angled outlet without plastic frame	Y-0336613-1
50 x 50 mm DIN 3 port angled outlet with 80 x 80 mm plastic frame	Y-0336614-1

DIN Dual Angled Outlet

Product Facts:

- Dual outlet to accept up to 2 SL Series Jacks
- To be used with single or multiple gang DIN faceplates
- Supplied complete with back plate, adapter plate and shutters
- Individual ports are iconable (see page 115)

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

Description	Part Number
DIN Dual Angled Outlet	Y-0966936-5

DIN Standard Outlet for Recessed Mounting

Product Facts:

- Outlet for recessed mounting
- To be used with single or multiple gang DIN faceplates
- Supplied complete with spring loaded shutter
- Supplied complete with back plate and label holder

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

Description	Part Number
DIN single straight outlet	Y-0966223-1
DIN dual straight outlet	Y-0966224-1

DIN 50 x 50 mm Faceplate Frame

Product Facts:

- Faceplate suitable for all outlets with a 50 x 50 mm footprint
- External Dimensions 80 x 80 mm

-X	Color
-1	pure white (RAL 9010)
-2	almond (RAL 1013)
-3	black (RAL 9005)

Description	Part Number
80 x 80 mm Faceplate Frame for 50 x 50 mm outlets	5-0336608-X

Universal Outlets/Faceplates

Single and Multiple DIN Faceplate Frames

Product Facts:
- Faceplate for suitable for all outlets with a 75 x 75 mm footprint (PEHA)
- External Dimensions 80 x 80 mm

Description	Part Number
Single Faceplate Frame	**Y-0964830-1**
Dual Faceplate Frame	**Y-0964361-2**
Triple Faceplate Frame	**Y-0964361-3**

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

DIN Surface Mount Outlet Back Box

Product Facts:
- Back Box for Surface Mounting
- Available individually or as a complete kit with a single faceplate
- Not suitable for use with multiple faceplates

Description	Part Number
Surface Mount Outlet Back Box	**Y-0966740-X**

Y-	Color
0-	almond (RAL 1013)
2-	pure white (RAL 9010)

-X	Type
-1	Back box only
-2	Back box + faceplate

Universal Mounting Bracket

Product Facts:
- Universal Mounting Bracket for installations into trunking
- Suitable for installation into trunking with a "C-Profile"

Description	Part Number
Universal Mounting Bracket	**0-0966498-1**

Floor Box Bracket for Ackermann GESR 7/10

Product Facts:
- Mounting Bracket for installations into Ackermann floor boxes
- Supplied complete with fixing screws
- Stainless Steel bracket
- Complete with strain relief handle
- 2 lengths available – with or without cable management
- Blanking Plate available separately

Description	Part Number
Floor box Bracket	**0-1394294-X**
Blanking Plate (Pearl White)	**0-0964719-1**

-X	Type
-1	3 Gang without Management
-2	3 Gang with Management
-3	2 Gang without Management
-4	2 Gang with Management

Ackermann is a Trademark of Honeywell

SL Jack Mounting Frame for Ackermann Floor Boxes

Product Facts:
- High density SL applications in floor box environments
- Angled geometry for easy cable management
- Frame is iconable and provides labeling space
- May be modified to suit almost any floor box application
- SL Jacks with dust covers recommended for use within these frames
- Patent pending

Color: black

Description	Part Number
SL Jack mounting frame	**0-1711255-X**

-X	Color
-1	6 Ports (short version)
-2	9 Ports (long version)

Ackermann is a Trademark of Honeywell

Universal Outlets/Faceplates

2 Port Single Gang Work Area Outlet
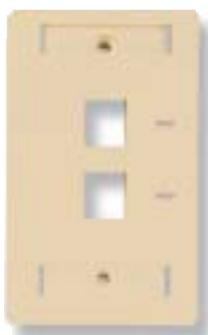
Product Facts:

- 2 Port Single Gang Work Area Outlet accepts up to 2 jacks
- Single Gang format
- Individual outlets are icon-able (see page 115)

-X	Color
-1	almond
-2	black
-3	pure white
-4	grey

Description	Part Number
2 Port Single Gang Work Area Outlet	0-0557505-X

Modular Jack Boxes
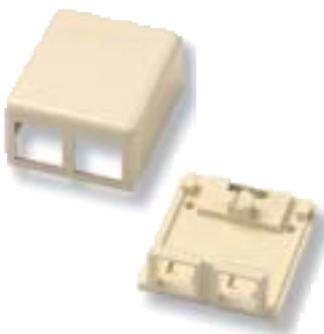
Product Facts:

- Accepts unshielded Standard 110Connect, any SL Series Jacks and MT-RJ
- Very compact
- Individual outlets are icon-able (see page 115)
- Patented invisible icon holes remain invisible when not used

-X	Color
-1	almond
-2	black
-3	pure white
-4	grey

Description	Part Number
1 Port	0-1116697-X
2 Port	0-1116698-X

SL Series Office Boxes

Product Facts:

- Accepts unshielded SL Series Jacks and MT-RJ
- Compatible with most trunking
- High density
- Individual outlets are icon-able (see page 115)
- Patented icon holes remain invisible when not used

-X	Color
-1	almond
-2	black
-3	pure white
-4	grey

Description	Part Number
2 Port	0-1339054-X
4 Port	0-1339057-X

Universal Office Boxes

Product Facts:

- Accepts up to 6 modular Jacks of any style (UTP, STP and MT-RJ)
- Low Profile
- Cable entry on three sides and base
- Individual outlets are icon-able (see page 115)

-X	Color
-1	almond
-2	black
-3	pure white
-4	grey

Description	Part Number
2 Port	0-1479488-X
4 Port	0-1479489-X
6 Port	0-1479490-X
Blanking plate	0-1479494-X

Universal Outlets/Faceplates

Surface Boxes

Product Facts:
- Back Box for Surface Mounting
- 44.5 mm depth and one piece construction simplifies installation

-X	Color
-1	almond
-2	black
-3	pure white
-4	grey

Description	Part Number
Single Gang	0-0558251-X

Blank Insert

Product Facts:
- Blank Insert to keep dust out of unused ports (not suitable for 110Connect Office Boxes)

-X	Color
-1	almond
-2	black
-3	pure white
-4	grey

Description	Part Number
Blank Insert (rear mounted)	0-1116412-X

EtherSeal Stainless Steel Faceplates

Product Facts:
- Available in single and double gang
- Accepts EtherSeal Jack or Coupler Kits (not included, see pages 21 and 41)
- Sealing gasket options available
- Kit includes 2 (for single gang) or 4 (for double gang) $^6/_{32}$" screws

Description	Without Gasket	With Gasket
Single Gang 1 Port	0-1479593-1	0-1479593-2
Single Gang 2 Port	0-1479594-1	0-1479594-2
Double Gang 4 Port	0-1479595-1	0-1479595-2
Double Gang 2 + 2 Port (2 x Etherseal, 2 x SL Jacks)	0-1479596-1	0-1479596-2

EtherSeal Enclosures

Product Facts:
- NEMA 4 and 4X rated
- IP67 compliant when installed per instruction sheets
- For indoor and outdoor use
- Provides fully sealed remote access to data and telephone services
- Cable and conduit glands seal cable/conduit entries

Description	Cable Exits	Conduit Exits	Part Number
Enclosure, 12 x EtherSeal	12 x M16	2 x M50	0-1479654-1
Enclosure, 4 x EtherSeal	4 x M16	1 x M50	0-1479655-1
Enclosure, 2 x EtherSeal	2 x M16	1 x M40	0-1479656-1

EtherSeal Cable & Conduit Glands

Product Facts:
- Cable and conduit glands provide a way to seal cable and or conduit entries into EtherSeal Connector Enclosures

Description	For use with	Part Number
Gland Kits M16	Cable	0-1479657-1
Gland Kits M40	3/4" Conduit	0-1479658-1
Gland Kits M50	1" Conduit	0-1479659-1

AMP NETCONNECT

BS Standard Shuttered Faceplate

Product Facts:
- BS Standard faceplate
- Spring loaded shutters
- Supplied complete with label holder
- Individual ports are icon-able (see page 115)
- Dimensions 86 x 86 mm

Color: signal white (RAL 9003)

Description	Part Number
BS Single Port with Label Holder	0-0288072-1
BS Dual Port with Label Holder	0-0288004-1

BS Angled Shuttered Faceplate

Product Facts:
- BS Standard angled faceplate
- Dimensions 86 x 86 mm

Color: signal white (RAL 9003)

Description	Part Number
BS Angled Single Port with Label Holder	0-0442114-1
BS Angled Dual Port with Label Holder	0-0442112-1

BS 50 mm Unloaded Faceplate and Shuttered Module

Product Facts:
- Unloaded faceplate accepts either 2 or 4 BS 50 mm shuttered modules
- Dimensions faceplate: 86 x 86 mm (single gang) or 145 x 86 mm (dual gang)
- Single shuttered 50 mm module (spring loaded shutter)
- Dimensions module: 25 x 50 mm

Color: signal white (RAL 9003)

Description	Part Number
Single gang faceplate (for 2 shuttered modules)	0-0346370-1
Dual gang faceplate (for 4 shuttered modules)	0-0346370-2
Single shuttered 50 mm Module	0-0346856-1
Blanking plate 25 x 50 mm	0-0346715-2

BS LJ6C Unloaded Faceplate and Shuttered Module

Product Facts:
- Unloaded faceplate accepts either 1 or 2 LJ6C shuttered modules
- Dimensions faceplate: 86 x 86 mm (single and dual port)
- Single shuttered LJ6C module (spring loaded shutter)
- Dimensions module: 25 x 39 mm

Color: signal white (RAL 9003)

Description	Part Number
Single port LJ6C unloaded faceplate	0-1711301-1
Dual port LJ6C unloaded faceplate	0-1711302-1
Single shuttered LJ6C module	0-1711348-1

Universal Outlets/Faceplates

"EDIZIOdue" 2 Port

Product Facts:
- "EDIZIOdue" Style 2 port faceplates suitable for trunking, recessed or surface mounting
- Accepts all SL Series Jacks
- Individual ports are icon-able (see page 115)

-X	Color
-1	pure white
-2	light grey
-3	dark grey
-4	black

Description	Color	Part Number
UP	see table	0-1711168-X
KNL	see table	0-1711169-X
AP	pure white	5-0101016-7

Ediziodue Compatible 3 or 4 Port

Product Facts:
- Ediziodue compatible 3 port angled faceplates suitable for trunking or recessed mounting
- Ediziodue compatible 4 port straight faceplates
- Accepts all SL Series Jacks
- Self-adhesive labels are available (see page 115)
- Individual ports are icon-able (see page 115)

-X	Color
-1	pure white
-2	black

Description	Color	Part Number
UP, 3 port	see table	0-1711082-X
KNL, 3 port	see table	0-1711083-X
KNL, 4 port	see table	0-1711282-X

"Standard" 2 Port

Product Facts:
- "Standard" Style 2 port faceplates suitable for trunking or recessed mounting
- Accepts all SL Series Jacks
- Individual ports are icon-able (see page 115)

Description	Color	Part Number
UP	pure white	7-0101016-3
KNL	pure white	7-0101016-5

AP version = UP version + surface mount backbox

"FLF" 2 Port

Product Facts:
- Dual faceplate suitable for floor box mounting
- Accepts all SL Series Jacks

Description	Color	Part Number
FLF	pure white	0-1711170-1

Accessories

Product Facts:
- Accessories for specialist installation environments

-X	Color
-1	pure white
-2	black

Description	Color	Part Number
"Prisamobile" trunking back-box (depth 45–71 mm)	black	5-0101006-9
Blanking Plate (inserted from frontside)	see table	0-1711283-X
AP – Surface mount backbox (not illustrated)	pure white	0-0101004-0
"Zargen" back-box (not illustrated)	black	3-0101019-2

Universal Outlets/Faceplates

Dual Outlet 45 x 45 mm Angled

Product Facts:
- Dual outlet for one or two SL Jack(s) resp. one Standard 110C-Jack with adaptor
- Incl. blank adapter if only one jack is used
- 45 x 45 mm footprint compatible with Legrand "Mosaic"
- Modules are icon-able (see page 115)

-X	Color
-1	pure white (RAL 9010)
-2	almond (RAL 1013)

Description	Part Number
Dual outlet 45 x 45 mm	0-0336793-X

Standard 45 x 45 mm Shuttered Module

Product Facts
- Single shuttered module (spring loaded) suitable for a single jack
- 45 x 45 mm footprint compatible with Legrand "Mosaic"
- Modules are icon-able (see page 115)

Color: signal white (RAL 9003)

Description	Part Number
Single outlet 45 x 45 mm	0-1711277-1
Dual outlet 45 x 45 mm	0-1711276-1

45 x 45 mm Unloaded Faceplate and Half Width Shuttered Module

Product Facts
- Single half width shuttered module (spring loaded)
- 22.5 x 45 mm footprint compatible with Legrand "Mosaic"
- Unloaded 45 x 45 mm faceplate (accepts 2 modules)

Color: signal white (RAL 9003)

Description	Part Number
Single Module 22.5 x 45 mm	0-1711349-1
Faceplate Frame 45 x 45 mm (for 2 single modules)	0-1711307-1

45 x 45 mm Surface Mount Back Box

Product Facts:
- Surface Mount Back Box
- 45 x 45 mm footprint compatible with Legrand 'Mosaic'
- Dimensions 75 x 75 mm, 48 mm deep

Color: signal white (RAL 9003)

Description	Part Number
Surface Mount Back Box 45 x 45 mm	0-0953597-1

The Modules and Faceplates depicted in this chapter can be used with the following Jacks (please note that restrictions may apply):

- SL 110Connect Jack unshielded (p. 20)
- SL Toolless Jack unshielded (p. 20)
- 110Connect Jack unshielded (p. 21)
- SL Modular Coupler (p. 21)
- SL MT-RJ Workstation Jack (p. 68)
- SL 110Connect Jack shielded (p. 41)
- SL Toolless Jack shielded (p. 41)
- 110Connect Jack shielded (p. 41)
- AMP-TWIST-6S SL Jack shielded (p. 41)

Baluns, Impedance Matching Devices, Adaptors

- IBM Type 1 150Ω to RJ-45 100Ω
  (Ethernet or Token Ring)
- BNC 93Ω to RJ-45 100Ω
- Twinax 100Ω to RJ-45 100Ω

Installation Tools

- For Twisted Pair: Pliers, Crimp Tools,
  Impact Tools, Cutters
- For Fibre Optic: Tool-Sets, Cleavers,
  Crimp Tools, Microscopes, Epoxy, Test Kits

Cable Management

- IAllows easy routing of patch cords
  in 19″ racks
- For horizontal and vertical mounting
- Hi-D Connect system with integrated
  bend control

Labeling Accessories

- Adhesive Labels, Labelling Software, Icons
- Quick and durable identification

6.

Tools, Baluns, Miscellaneous

Impedance Matching Device IBM Type 1 to Ethernet or Token Ring

Product Facts:
- Cable-less, compact device
- 100Ω RJ-45 Jack to 150Ω 4 position data connector
- Utilization of 150Ω cabling for 100Ω interfaces

Service	Active RJ-45 Contacts	Shielding	Part Number
100Ω 10 Base-T	1/2, 3/6	no	0-0556904-1
100Ω 100 Base-TX	1/2, 3/6	yes	0-0558421-1
100Ω Token Ring	3/6, 4/5	no	0-0557674-1

Adapter Token Ring Type 1 to RJ-45

Product Facts:
- Cable-less adapter without impedance matching
- Connects 4position data connectors with RJ-45 patch cords

Service	Active RJ-45 Contacts	Shielding	Part Number
100Ω Token Ring	3/6, 4/5	no	0-0555414-2

Balun RJ-45 Jack to BNC

Product Facts:
- Adaption and impedance matching of 93Ω BNC to 100Ω RJ-45 Jack for IBM 3270 applications
- available as cable-less compact balun or with 20 cm cable

Description	Part Number
without cable	0-0555330-X
with 20 cm coaxial cable	0-0555058-X

-X	RJ-45 Pinout
-1	Pins 4/5
-2	Pins 1/2

Balun RJ-45 Plug to BNC

Product Facts:
- Cable balun with twisted pair cable
- Adaption and impedance matching of 93Ω BNC to 100Ω RJ-45 Jack for IBM 3270 applications
- Length 4,2 m

Description	Part Number
with Twisted Pair Cable	0-0555242-X

-X	RJ-45 Pinout
-1	Pins 4/5
-2	Pins 1/2

Balun RJ-45 Jack to Twinax

Product Facts:
- Compact balun without cable
- Adaption from 100Ω Twinax to 100Ω RJ-45 Jack for IBM 3270 applications
- For Active Star Hub configurations

Description	Active RJ-45 Contacts	Part Number
without cable	4/5	0-0555249-1

110C Impact Tools

Product Facts:

- Industry standard termination tools for 110Connect, AMP CO Plus and other LSA+ compatible Jacks
- Available as impact tool (standard or premium version) or as non-impact tool
- Tools are delivered with blade

Description	Part Number
Premium Impact Tool with Extended-Life Blade	0-1375308-1
Standard Impact Tool with Standard Blade	0-1583608-1
Non-Impact Tool with Standard Blade	0-1583236-1
Replacement Blade (Extended-Life)	0-1375309-1
Replacement Blade (Standard)	0-1375310-1
UCS Impact Tool	449526-000

Palm Tool for AMP CO Plus and 110Connect

Product Facts:

- Palm tool for precise and safe termination of the shielded edge connector Mark II
- Also holds 110Connect jacks and SL jacks
- Avoids injuries should impact tool slip

Description	Part Number
Palmtool	0-0569949-1

Pistol-Grip Field Termination Tool for SL 110C Jacks

Product Facts:

- Pistol Grip Tool
- Lacing fixture for UTP and STP cables
- Accept up to AWG 23 solid conductor
- Lacing fixture with T568A and T568B wiring

Description	Part Number
Complete Pistol Grip Tool with lacing fixture	0-0790187-1
Pistol Grip Tool – Spare Part	0-0790183-1
Lacing fixture – Spare Part	0-0790178-1

Handheld Field Termination Tool for SL Jacks

Product Facts:

- Terminates Cat. 3, 5E + 6 SL jacks (110C & AMP-TWIST-6S)
- Strips cable + terminates and cuts 8 conductors at once
- Lacing fixture for 110C assures simple and efficient use (not used for AMP-TWIST-6S)
- Maintains twisted pair integrity
- Reliable connections everytime
- Time and cost saving

Description	Part Number
Handheld tool kit (tool and pouch) for 110C jacks (incl. fixture)	0-1725150-1
Handheld tool kit for AMP-TWIST-6S jacks (without fixture)	0-1725150-3
Separate handheld tool (spare part)	0-1725080-1
110C lacing fixture (spare part)	0-1673956-1

Tools, Baluns, Miscellaneous

AMP CO Plus Un-Locking Tool and Preparation Template

Product Facts:
- Un-locks the rear cover of AMP CO Plus housings
- 1 : 1 scale cable preparation template for precise high quality termination of the shielded edge connector Mark II

Description	Part Number
Un-locking tool	0-0726948-1
Preparation Template English/German	0-0336547-1
Preparation Template French/German	0-0336547-2

Separate Tools

Product Facts:
- Easy, safe and fast cable preparation
- Cyclops cuts the cable sheath only
- Diagonal Cutter for precise cutting of wire

Description	Part Number
Cyclops	0-1375317-1
Diagonal Cutter	0-1116571-1

Standard Tool Set for Modular Plugs

Product Facts:
- Complete tool set for the termination of unshielded and shielded modular plugs
- Standard version contains 2 die sets for 4, 6 and 8 position standard modular plugs
- Professional version contains 4 die sets for 4, 6 and 8 position standard and 4 position hand set modular plugs

Description	Part Number
Standard tool set	1-0231666-0
Professional tool set	1-0231666-3

PRO-CRIMPER II Tool Set for EMT Plugs

Product Facts:
- Installer's complete tool-set for field termination of high performance EMT modular plugs
- contains all tools needed: hand tool, die set, diagonal cutter and Cyclops cable stripper
- 100 EMT plugs plus 20 anti-tangle boots in 6 different colors

Description	Part Number
EMT PRO-CRIMPER II Tool Set	0-1711303-1

Fibre Optic Tools

Universal No Epoxy Termination Tool Kit

Product Facts:

- Includes all tools necessary for installing MT-RJ jacks,
  LightCrimp Plus ST-Style, SC, LC and LightCrimp ST-Style, SC connectors
- Termination Tool kit includes:
  – PRO-CRIMPER II Hand Tool and appropriate die set
  – Stripper tools
  – Kevlar scissor
  – Cable holder
  – Cleave tool
  – LightCrimp Plus Termination Video CD-Rom

- LightCrimp Plus Termination Video CD-Rom
  also available separately, part number: **0-1374503-1**
- MT-RJ Termination Video CD-Rom
  also available separately, part number: **0-1435138-1**

Description	Part Number
Universal no epoxy termination tool kit	**0-1278949-2**

MT-RJ Jack Termination Tool Kit

Product Facts:

- Tool kit includes:
  – Soft case   – Kevlar scissors
  – Cleave tool   – MT-RJ strip length template
  – Miller strip tool – Actuator key
  – Cable stripper   – Alcohol wipes
  – Micro stripper   – MT-RJ Termination video CD-Rom

- MT-RJ Termination video CD-Rom also available separately
  (Part Number: **0-1435138-1**)

Description	Part Number
MT-RJ Tool Kit	**0-1278346-1**

LightCrimp Plus Termination Tool Kits

Product Facts:

- Termination Tool kit includes:
  – PRO-CRIMPER II Hand Tool and appropriate die set
  – Stripper tools
  – Kevlar scissor
  – Cable holder
  – Cleave tool
  – LightCrimp Plus Termination Video CD-Rom

- LightCrimp Plus Termination Video CD-Rom also
  available separately, part number: **0-1374503-1**
- MT-RJ Termination Video CD-Rom also available
  separately, part number: **0-1435138-1**

Description	Part Number
LightCrimp Plus ST-Style, SC, LC Connectors and MT-RJ Jack Termination Tool Kit	**0-1278118-4**
LightCrimp Plus SC Connector Termination Tool Kit	**0-1278022-1**
LightCrimp Plus ST-Style Connector Termination Tool Kit	**0-0492697-1**
LightCrimp Plus LC Connector Termination Tool Kit	**0-1754845-1**
LightCrimp Adaptive Kit	**0-1754846-1**
LightCrimp Upgrade Termination Kit	**0-1754847-1**

LightCrimp Termination Tool Kit

Product Facts:

- Tool kits include:
  - PRO-CRIMPER II Hand Tool and appropriate die set
  - Stripper tools
  - Kevlar scissor
  - Template strip
  - Cleave tool
  - Polishing bushings
  - Polishing films
  - Polishing plate
  - Microscope as listed*

*Microscope available separately on page 109

Description	Type	Microscope	Part Number
LightCrimp SC	Termination Kit	No Microscope	0-0503706-1
LightCrimp SC	Termination Kit	Premium Microscope	0-0503706-2
LightCrimp ST-Style	Termination Kit	No Microscope	0-0503330-1
LightCrimp ST-Style	Termination Kit	Premium Microscope	0-0503330-2
LightCrimp ST-Style	Termination Kit	Pocket Microscope	0-0503330-3
LightCrimp ST-Style	Mini Tool Kit	No Microscope	0-0492322-1
LightCrimp SC and ST-Style	Termination Kit	No Microscope	0-0503957-1
LightCrimp SC and ST-Style	Termination Kit	Premium Microscope	0-0503957-2
LightCrimp SC and ST-Style	Termination Kit	Pocket Microscope	0-0503957-3
LightCrimp SC and ST-Style	Mini Tool Kit	No Microscope	0-0492543-1

LightCrimp Plus Cable Holder

Product Facts:

- Stripping template and cable holder for LightCrimp Plus terminations
- Included in the LightCrimp Plus tool kit

Description	Part Number
SC	0-1278023-1
ST-Style	0-0492703-1
LC	0-1754138-1

LightCrimp Universal Cleave Tool

Product Facts:

- Used in both SC and ST-Style LightCrimp Connector terminations
- Included in all LightCrimp tool kits

Description	Part Number
LightCrimp Universal Cleave Tool	0-0503705-1

Fibre Optic Cleave Tool for Field Installations

Product Facts:

- Used in MT-RJ Jack and LightCrimp Plus Connector terminations
- Lifespan of blade is approximately 1000 cycles

Description	Part Number
Fibre Optic Cleave Tool	0-0492674-1
Replacement Blade	0-1278219-1

Universal Fibre Optic Cleaving Tool

Product Facts:

- Applicable for all cleaving types
- Lifespan of blade is appr. 3800 cleaves

Description	Part Number
Universal Fibre Optic Cleaving Tool	0-0503924-1

AMP CORELINK Splice Workstation

Product Facts:

- For convenient installation of AMP CORELINK splices

Description	Part Number
AMP CORELINK Splice Workstation	0-0503605-1

PRO-CRIMPER II Hand Tool and Fibre Optic Die Sets

Product Facts:

- Hand tool and die sets for fibre optic connectors

Description	Part Number
PRO-CRIMPER II Hand Tool	0-0058532-1

Fibre Optic Die Sets

Description	Cable Jacket Diameter (mm)	Die Set	Hand Tool and Die Set
ST-Style	3.0	0-0058424-1	0-0058433-4
SC	3.0	0-0503910-1	0-0503911-1
SC	2.0 & 2.4/2.5 & 3.0	0-0492025-1	0-0492026-1
LC Epoxy	1.6–2.0	0-1588175-1	–
LightCrimp Plus and LightCrimp ST-Style	2.0, 2.5 & 3.0	0-0492622-1	0-0492623-1
LightCrimp Plus and LightCrimp SC	2.5 & 3.0	0-0492783-1	0-0492782-1
LightCrimp Plus LC	0.9	0-1754136-1	–

Tools, Baluns, Miscellaneous

Tools, Baluns, Miscelleous

Separate Tools

Product Facts:

● Stripping tools, Micro-Stripper and Kevlar scissor for easy and save fibre preparation

Description	Part Number
Stripping tool for buffer, fibre coating and jackets	0-1278947-1
Stripping tool for cable jackets	0-1278531-1
Micro-Stripper for 900 µm buffer (mandatory for MT-RJ jack termination)	0-0492109-2
Kevlar scissor	0-0501014-1

Pro-Installer Epoxy/Polish Type Connector Termination Tool Kit

Product Facts:

● Includes all tools necessary to install these connectors (Epoxy sold separately page 111):
  – ST-Style, AMP NETCONNECT SC, FSD, FC, D4, FSMA
● Tool kits include (except were specified otherwise):
  – PRO-CRIMPER II Hand Tool and crimping dies
  – Polishing bushings
  – Polishing film
  – Cable and fibre strippers
  – Scissors
  – Scribe tool
  – Microscope with tripod and power source (on page 109)
  – Epoxy curing oven

Description	Part Number
Tool kit with 220 V curing oven	0-0501258-8
Tool Kit without curing oven or microscope	0-0501258-9

Epoxy/Polish Type Connector Termination Tool Kit

Product Facts:

● Tool kits include:
  – Carrying case
  – PRO-CRIMPER II Hand Tool and crimping dies
  – Polishing bushings
  – Polishing film
  – Cable and fibre strippers
  – Scissors
  – Scribe tool
● Kits contain polishing materials for approximately 60 connectors (consumables can be purchased separately on page 111)
● SC tool kit can also be used to install FC Connectors

Description	Part Number
SC/FC	0-0503746-7
ST-Style	0-0503746-1

Inspection Microscope Kits and Accessories

Product Facts:

- Useful in both field and laboratory, for MM and SM
- Usable with AC adapter or 2 AA batteries
- Each kit includes 10x objective microscope, eyepiece (10x or 20x), lockable carrying case and tripod stand
- Following adapters included: Universal 2,5 mm (adapts SC, ST-Style, FC, FSD, RSD), FSMA and F07

Microscope

Description	Magnification	Part Number
Microscope Kit	100x	**0-0502970-2**
Microscope Kit	200x	**0-0502970-4**

Accessories

Description	Part Number
SC/APC Adapter	**0-0504618-1**
MT-RJ Adapter	**0-0492749-1**
MPO Adapter	**0-0492414-1**
MPX Adapter	**0-0492426-1**
LC Adapter	**0-1278997-1**
Universal 2,5 mm Adapter	**0-0502977-1**
240 Volt Power Supply	**0-0502968-1**
Red On/Off lamp	**0-0502964-1**
Green On/Off lamp	**0-1278471-1**
Tripod	**0-0502965-1**
10x Eyepiece	**0-0502969-1**
20x Eyepiece	**0-0502969-2**
10–20x Zoom Eyepiece	**0-0502969-3**

Pocket Inspection Microscope

Product Facts:

- 100x magnification
- Compact hand-held size
- Built-in battery operated illumination
- Microscope comes with universal 2,5 mm Adapter (for SC and ST-Style)

Description	Part Number
100x Microscope	**0-1278132-1**

Sapphire Tipped Scribe Tool and Accessories

Product Facts:

- Long-lasting sapphire blade
- Pen-type casing

Description	Part Number
Sapphire tipped Scribe Tool	**0-0504064-1**
Replacement Blades	**0-0504290-1**

Tools, Baluns, Miscellaneous

Tools, Baluns, Miscellaneous

Polishing Bushings, Curing Sleeves and Strip Card Kit

Product Facts:

● Polishing bushings for all polishing processes
● Curing sleeves for safe oven application

Polishing Bushing 2.5 mm	Polishing Bushing SC	SC Curing Sleeve	ST-Style Curing Sleeve, 2.5 mm bayonette

Description	Used with	Notes	Part Number
Polishing bushing	Ceramic and stainless steel ST-Style connectors	Metal	**0-0503337-1**
Polishing bushing	Ceramic, stainless steel and Polymer composite ST-Style connectors	Black Polymer	**0-0503304-1**
Polishing bushing	SC Connectors	Black Polymer	**0-0502631-1**
Polishing bushing	SC Connectors	Metal	**0-0503787-1**
Curing sleeve	Ceramic, stainless steel and Polymer composite ST-Style connectors	12 pcs.	**0-0502259-1**
Curing sleeve	SC Connectors	1 pc.	**0-0502656-1**
Strip Card Kit	ST-Style and SC Connectors	–	**0-0501818-1**

Hand Polishing Accessories
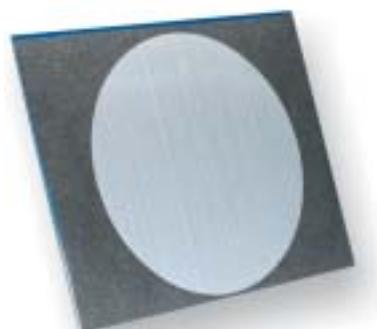
Product Facts:

● Acrylic polishing plate
● Self-adhesive polishing pad

Description	Part Number
Polishing plate	**0-0501197-1**
Polishing pad for polymer ferrules 21 cm diameter, white, self-adhesive	**0-0501523-1**
Polishing pad for ceramic ferrules 21 cm diameter, white, self-adhesive	**0-0501858-1**

Epoxy Curing Oven

Product Facts:

● Reduces time required to cure epoxy in fibre optic connectors
● Accepts all AMP NETCONNECT Fibre Optic Connectors that require epoxy
● Comes equipped to cure up to four duplex connectors and 12 simplex connectors at once
● Optional blocks to allow up to 8 duplex and 24 simplex connectors available
● Variable temperature control (60°C to 125°C)
● Includes thermometer and cable support bracket

Description	Part Number
Curing oven (220 Volt) incl. adapter block for 16 connectors	**0-0502134-2**
Adapter block for 24 single connectors	**0-0502129-1**
Adapter block for 8 duplex connectors	**0-0502222-1**

Adhesive Applicator Syringe and Polishing Films

Product Facts:

- 3 ccl capacity
- Ideal for epoxy

Description	Part Number
Adhesive applicator syringe	0-0501473-3
Mixing cup	0-0502282-2

Polishing Consumables

Description	Epoxy-Polish SC	Epoxy-Polish Singlemode ST-Style	Epoxy-Polish Multimode ST-Style	LightCrimp SC and ST-Style	Grit Grade	Part Number
Hand Polishing Film*	–	–	–	●	15 µm	0-0228433-9
Hand Polishing Film*	●	●	●	●	5 µm	0-0228433-8
Hand Polishing Film*	–	–	●	●	1 µm	0-0228433-7
Hand Polishing Film*	●	●	●	●	0,3 µm	0-0228433-5
Hand Polishing Film**	●	●	–	–	–	0-0502748-2
Consumables Kit***	–	–	●	–	–	0-0502306-1
Consumables Kit***	●	●	–	–	–	0-0502306-2

* Packet of 10
** Packet of 5
*** Contains all consumable supplies for at least 100 connectors

EPO-TEK Epoxy

Product Facts:

- Pre-measured bi-packs for consistent results
- Ideal for bonding fibres and optical components
- Long pot life
- Heat cured and room temperature epoxy
- High service temperature
- Supplied in 4-gram packs

Description	Cure time/Temp.	Pot life	Color after Curing	Viscosity (cps)	Max. Temp.	Glass transition-temp.	Part Number
EPO-TEK 353ND	10 min @ 115°C	4 hr	Red	2000	200°C	124°C	0-0504035-1

TRA-CON® and Hysol® Epoxy

Product Facts:

- General purpose epoxy for SC and ST-Style epoxy polish connectors
- Long pot life
- Heat cured and room temperature epoxy
- High service temperature

Application	Connectors	Cure time and temperature	Pot life	Color	Packaging	Connectors pro package	Part Number
For manufacturing and field use	FDDI, ESCON, ST-Style, FSMA	24 hr @ 25°C / 2 hr @ 65°C	30 mins / 30 mins	blue	25 x 2 g	250	0-0501195-4
For manufacturing and field use	all	30 mins @ 100°C	30 mins	blue	1 x 70,8 g + 1 x 22,6 g	400	0-0502418-1

Tools, Baluns, Miscellaneous

Powermeter Launch Lead Kits for Optical Testing and Certification

Today testing of fibre optic links is more sensitive than ever. AMP Netconnect test kits guarantee precise and replicable fibre testing. All kits contain connectors with controlled end faces and support testing in accordance to IS 11801.

Product Facts:

- Multimode kit contains 1 singlemode duplex + 3 multimode duplex test leads
- Singlemode kit contains 3 singlemode test leads
- All kits contains:
  – 2 Mandrels
  – 2 coupling bushes
  – Data sheet of end face geometry
  – Instruction sheet

ENSURED PERFORMANCE

Description	Part Number
50 µm, MM Launch Lead	**Y-1695241-X**
62,5 µm, MM Launch Lead	**Y-1695243-X**
9 µm, SM Launch Lead	**Y-1695245-X**

Y- -X	Connector Type	Y- -X	Connector Type	Y- -X	Connector Type	Y- -X	Connector Type
0- -1	SC/PC to SC/PC	**0- -6**	ST/PC to SC/PC	**1- -1**	LC/PC to SC/PC	**1- -6**	FC/PC to SC/PC
0- -2	SC/PC to ST/PC	**0- -7**	ST/PC to ST/PC	**1- -2**	LC/PC to ST/PC	**1- -7**	FC/PC to ST/PC
0- -3	SC/PC to LC/PC	**0- -8**	ST/PC to LC/PC	**1- -3**	LC/PC to LC/PC	**1- -8**	FC/PC to LC/PC
0- -4	SC/PC to FC/PC	**0- -9**	ST/PC to FC/PC	**1- -4**	LC/PC to FC/PC	**1- -9**	FC/PC to FC/PC
0- -5	SC/PC to MT-RJ	**1- -0**	ST/PC to MT-RJ	**1- -5**	LC/PC to MT-RJ	**2- -0**	FC/PC to MT-RJ

Explanation: Connector 1 – to test equipment
Connector 2 – under test

OTDR Launch Lead Kits for Optical Testing and Certification

Product Facts:

- To use as a launch or tail lead
- Length 100 m for MM
- Length 1000 m for SM
- Controlled end faces
- Instruction sheet

Description	Part Number
50 µm, MM Launch Lead	**Y-1695240-X**
62,5 µm, MM Launch Lead	**Y-1695242-X**
9 µm, SM Launch Lead	**Y-1695244-X**

Y- -X	Connector Type	Y- -X	Connector Type	Y- -X	Connector Type	Y- -X	Connector Type
0- -1	SC/PC to SC/PC	**0- -6**	ST/PC to SC/PC	**1- -1**	LC/PC to SC/PC	**1- -6**	FC/PC to SC/PC
0- -2	SC/PC to ST/PC	**0- -7**	ST/PC to ST/PC	**1- -2**	LC/PC to ST/PC	**1- -7**	FC/PC to ST/PC
0- -3	SC/PC to LC/PC	**0- -8**	ST/PC to LC/PC	**1- -3**	LC/PC to LC/PC	**1- -8**	FC/PC to LC/PC
0- -4	SC/PC to FC/PC	**0- -9**	ST/PC to FC/PC	**1- -4**	LC/PC to FC/PC	**1- -9**	FC/PC to FC/PC
0- -5	SC/PC to MT-RJ	**1- -0**	ST/PC to MT-RJ	**1- -5**	LC/PC to MT-RJ	**2- -0**	FC/PC to MT-RJ

Explanation: Connector 1 – to test equipment
Connector 2 – under test

Cleaning Kits for Connector End Faces and MT-RJ Jacks

Product Facts:

- Cleaning pads
- Compressed air bottle
- Cue tips
- For all connector types
- For MT-RJ Jacks

Description	Part Number
Cleaning Kit	**0-1374178-1**

1U Cable Management Panels 19″

Product Facts

- Panels mount to the front of 19″ racks and provide for the orderly dressing and routing of cable assemblies
- Various ring lengths available
- 1 U high

Description	Color	Height	Ring length	Part Number
5 rings	black (RAL 9005)	1 U	95 mm	0-0558329-1
4 rings	light grey (RAL 7035)	1 U	60 mm	9-0101019-0
4 rings	light grey (RAL 7035)	1 U	80 mm	9-0101019-1
4 rings	white (RAL 9010)	1 U	60 mm	9-0101019-2
4 rings	white (RAL 9010)	1 U	80 mm	9-0101019-3
4 rings	black (RAL 9005)	1 U	60 mm	9-0101019-5

610XC + 110XC CrossConnect Rack Mount Panel 19″

Product Facts:

- 19″ Rack Mount Panel for XC cable management
- 2 U high

-X	Color
-1	Ivory
-2	Black

Description	Part Number
XC Cable Management Panel	0-0406641-X

610XC + 110XC CrossConnect Cable Management Troughs

Product Facts:

- Provide horizontal management and organization of cables
- Troughs are available with or without legs

-X	Color
-1	Ivory
-3	Black

Description	Part Number
with legs	0-0569389-X
without legs	0-0569597-X

610XC + 110XC CrossConnect Vertical Cable Management Frame

Product Facts:

- Provides high capacity storage of patch cables and jumper wire
- Quick and easy installation
- Available in 300 and 900 pair sizes

-X	Color
-1	Ivory
-3	Black

Description	Part Number
300 pairs	0-0569851-X
900 pairs	0-0569852-X
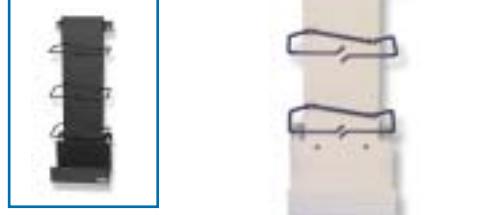
Cable Management Rings

Product Facts:

- Provide vertical management and organization of cables
- Available in two widths
- Suitable for mounting directly to a plywood backboard

Description	Part Number
145 mm width	0-0569431-1
216 mm width	0-0569599-1

Tools, Baluns, Miscellaneous

Horizontal Finger Duct Panels

Product Facts:

- Cable management accessories for EIA standard 19″ equipment racks
- Suitable for high performance twisted pair and optical fibre distribution cables and patch cords
- Available in various heigths and depths

Panel height	Front (H x D)	Rear (H x D)	Part Number
1 U single sided	38 x 51 mm	–	0-1375161-1
1 U single sided	38 x 76 mm	–	0-1375162-1
2 U single sided	76 x 76 mm	–	0-1375163-1
1 U double sided	38 x 51 mm	26 x 102 mm	0-1375160-1
1 U double sided	38 x 76 mm	26 x 102 mm	0-1375159-1
2 U double sided	76 x 76 mm	51 x 102 mm	0-1375158-1

Vertical Finger Duct Panels

Product Facts:

- Cable management accessories for EIA standard 19″ equipment racks
- Suitable for high performance twisted pair and optical fibre distribution cables and patch cords
- Available in various heigths and depths

Panel height	Front (W x D)	Rear (W x D)	Part Number
Side Mount			
89 cm single sided	102 x 127 mm	–	0-1375165-1
198 cm single sided	102 x 127 mm	–	0-1375258-1
89 cm double sided	102 x 127 mm	102 x 127 mm	0-1375164-1
198 cm double sided	102 x 127 mm	102 x 127 mm	0-1375257-1
Center Mount (mounting flanges on both sides to straddle two racks)			
89 cm single sided	102 x 127 mm	–	0-1375167-1
198 cm single sided	102 x 127 mm	–	0-1375260-1
89 cm double sided	102 x 127 mm	102 x 127 mm	0-1375166-1
198 cm double sided	102 x 127 mm	102 x 127 mm	0-1375259-1

Hi-D Connect 6 U Vertical Managers

Product Facts:

- 6 U vertical manager
- Patent pending bend controls
- Allows ease of installation and full scalability

Description	Part Number
Hi-D 6 U Vertical Manager (1 set of 2)	1-1671078-1

Hi-D Connect 2 U Pass Through Duct

Product Facts:

- 2 U pass through duct
- Allows left to right side patching as well as front to back patching and intra-cabinet patching
- Hinged access cover ensures accessibility of installed patch cords

Description	Part Number
Hi-D 2 U Pass Through Duct	1-1671080-1

Tools, Baluns, Miscellaneous

Icons

Product Facts:

- Icons for port identification applicable to various faceplates of 110Connect and AMP CO series
- Different colors and different symbols available

Description	Part Number
4x data, 4x neutral, 2x phone, 3x Cat.5 , 1x fax, 1x modem, 1x printer	Y-0558176-X
4x neutral, 2x Cat. 5E, 2x Cat. 6 and 1x V1, V2, V3, V4, D1, D2, D3, D4	Y-1375092-X
16x data	Y-0558198-X
16x phone	Y-0558199-X
16x neutral, available in -1, -6, -8 and 1- -0	Y-0558821-X

Y-	-X	Color
0-	-1	Almond
0-	-2	Red
0-	-3	Green
0-	-4	Blue
0-	-5	Yellow
0-	-6	Black
0-	-7	Orange
0-	-8	White
0-	-9	Violet
1-	-0	Grey

Labels for AMP CO Dual Inserts

Product Facts:

- Labels for additional port marking in different colors
- For dual AMP CO inserts
- Available in six colors

Description	Part Number
90 labels per sheet (45 left and 45 right)	2-0101021-X

-X	Color
-0	Grey
-1	Red
-2	Green
-3	Blue
-4	Yellow
-5	Black

Printer Labels

Product Facts:

- Self-adhesive A4 sheets with printer labels for port labeling
- Uses standard Excel sheet

Description	Packaging	Part Number
Labels (6 x 32 mm, 170 pcs per sheet)	10 sheets	0-0969704-1

Tools, Baluns, Miscellaneous

Labeling-Software

Product Facts:

- Compatible with Windows 95, 98, 2000 and NT
- Flexible build option to produce more complex alphanumeric identifiers
- Create identifiers consisting of up to 12 independent segments
- Can cope easily with the new TIA/EIA-606-A standard identification sequences
- Insert symbols (all standard Windows symbols can be used)
- Save and edit builds
- Fine tune adjustment
- Split your label format as required
- Job notepad facility for builds saved to file
- Adjust font style and size
- Context-sensitive help
- Download free 30-day-demo version under: http://www.ampnetconnect.com/ labeling/labeling.asp

Description	Part Number
Labeling Software	**0-1479001-1**

Labels for Work Area/Standard Labels for Outlet

Product Facts:

- Labels are designed to fit AMP NETCONNECT and similar faceplates and surface outlets
- Card stock labels are perforated and compatible with inkjet and laser printers
- Self-adhesive polyester labels are pre-cut and compatible with laser printers
- Labels are supplied on 8.5″ x 11″ (21,6 x 27,9 cm) sheets
- For use with 110Connect style and AMP CO outlets

Description	Label Size (w x h)	Labels per Sheet	Standard Package	Part Number
Card stock	1.98″ x 0.373″ (5,0 x 1,0 cm)	72	5 Blatt (360 Aufkleber)	**0-1375356-1**
Self-adhesive Polyester	1.98″ x 0.373″ (5,0 x 1,0 cm)	72	5 Blatt (360 Aufkleber)	**0-1375357-1**

Label Covers for Outlets

Product Facts:

- Kit includes fifty die-cut labels and clear plastic covers
- For use in US american outlets only (see page 96 ff.)
- Included with compatible faceplate kits

Description	Part Number
Label Covers for Outlets	**0-1375345-1**

Universal Labels

Product Facts:

- AMP NETCONNECT Labeling Software allows customization of the universal labels listed for use with multiple products
- The Software provides cut lines to modify the labels for each particular application
- Number of labels per package will vary according to individual application

Description	Labels per Sheet	Standard Package	Part Number
Self-adhesive labels for Modular Jack Box, 1-Port	216	5 sheets (1080 labels)	**0-1375358-1**
Self-adhesive labels for Modular Jack Box, 2-Port	120	5 sheets (600 labels)	**0-1375358-1**
Self-adhesive labels for SL Series Office Box, 2-Port	120	5 sheets (600 labels)	**0-1375358-1**
Self-adhesive labels for SL Series Office Box, 4-Port	72	5 sheets (360 labels)	**0-1375358-1**
Self-adhesive labels for 110Connect Office Box, 2-Port and 4-Port	144	5 sheets (720 labels)	**0-1375353-1**

Patch Panel Labels

Product Facts:

- Labels are designed to fit AMP NETCONNECT and similar patch panels
- Card stock labels are perforated and compatible with inkjet and laser printers
- Self-adhesive polyester labels are pre-cut and compatible with laser printers
- Labels are supplied on 8.5″ x 11″ (21,6 x 27,9 cm) sheets
- Special 0.25″ (6,4 mm) high label is provided for use when icons are also desired
- For use with 110Connect and SL style panels
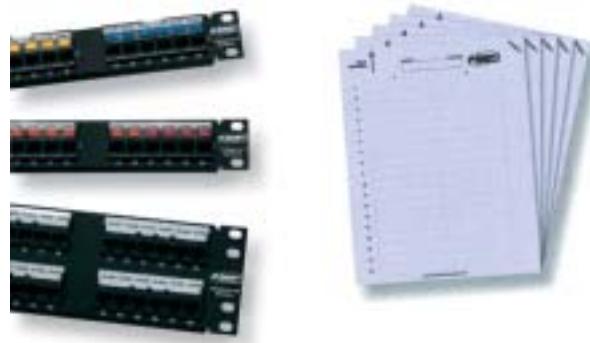
Description	Label Size (w x h)	Labels per Sheet	Standard Package	Part Number
Card Stock	3.10″ x 0.50″ (7,9 x 1,3 cm)	36	5 sheets (180 labels)	**0-1375351-1**
Self-adhesive Polyester	3.10″ x 0.50″ (7,9 x 1,3 cm)	36	5 sheets (180 labels)	**0-1375352-1**
Self-adhesive Polyester	3.30″ x 0.25″ (8,4 x 0,6 cm)	72	5 sheets (360 labels)	**0-1375353-1**

Label Covers for Patch Panels

Product Facts:

- Includes twenty-five sheets, four clear plastic label covers per sheet
- For use in 110Connect and SL series patch panels

Description	Part Number
Label covers for patchpanel	**0-1116044-2**

Tools, Baluns, Miscellaneous

Tools, Baluns, Miscellaneous

610XC + 110XC CrossConnect Labels

Product Facts:

- Labels are designed to fit the AMP NETCONNECT 110XC CrossConnect System and other similar products
- Card stock labels: designed to fit into standard clear designation strips, available in TIA/EIA-606-A compliant colors, perforated, and compatible with inkjet and laser printers
- White self-adhesive polyester labels: designed for easy application to the front of the clear designation strips, pre-cut and compatible with laser printers
- Labels are supplied on 8.5″ x 11″ (21,6 x 27,9 cm) sheets

-X	Color
-1	White
-2	Blue
-3	Green
-4	Purple
-5	Red
-6	Brown
-7	Yellow
-8	Orange
-9	Grey

Description	Label Size (w x h)	Labels per Sheet	Standard Package	Part Number
Card Stock	7.90″ x 0.48″ (20 x 1,2 cm)	18	5 sheets (90 labels)	**0-1375354-X**
Self-adhesive Polyester	7.90″ x 0.48″ (20 x 1,2 cm)	18	5 sheets (90 labels)	**0-1375355-1**

Label Cover for 610XC + 110XC Wiring Blocks

Product Facts:

- Used with 610XC + 110XC CrossConnect system

Description	Part Number
Clear Plastic Label Holder	**0-0558417-1**

Labels for Cable and Cable-Assemblies

Product Facts:

- Labels are designed for use on cable and cable assemblies
- Labels are pre-cut and compatible with laser printers

Description	Label size (w x h)	Labels per Sheet	Standard Package	Part Number
4-Pair Cable	0.984″ x 1.496″ (2,5 x 3,8 cm)	48	5 sheets (240 labels)	**0-1479002-1**
Self-adhesive Polyester 25-Pair Cable	0.984″ x 2.480″ (2,5 x 6,3 cm)	24	5 sheets (120 labels)	**0-1479003-1**

Index

- Complete listing of product names and categories

- Complete breakdown of all partnumbers contained within the catalog

- XG 10 Gb/s approved:
  Ensures the high-speed service 10 Gigabit Ethernet over copper (IEEE 802.3an) as well as over fibre (IEEE 802.3ae)

- Pyramid Tested:
  The logo for quality and performance of real Category 6 components

- Optimized Physical Contact:
  Controlled ferrule end faces guarantee highest data transmission quality

- Imprint,
  Addresses of country Headquarters, Trademarks

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XG 10 Gb/s Approved

High Speed 10 Gigabit Ethernet over Twisted Pair and Fiber Optic Cabling

The XG 10 GB/S APPROVED logo marks all products of the XG family. No matter whether copper or fibre – AMP NETCONNECT offers a complete end-to-end system for all cabling media.

The new XG Copper System complies already today to the upcoming 10 Gb/s standard IEEE 802.3an, which is expected to be released in summer 2006. The system's outstanding AlienNEXT suppression was tested and certified by the independant DELTA labs in Denmark. This guarantees 10GBase-T performance over 100 m link length.

The acknowledged XG Fibre System has proven its performance and reliability in the market for several years. The system was now extended by a LC connector for quick termination.

Pyramid Tested

The Conformity and Quality Trademark for Real Cat. 6 Component Performance

All products in this catalog that feature the PYRAMID TESTED logo totally comply with the de-embedded testing requirements of the standards TIA / EIA 568 B.2-1 (UTP & STP), IEC 60603-7-4 (UTP) and IEC 60603-7-5 (STP). Accordingly these products fulfill the performance requirements of Cat. 6 for components which guarantees interoperability and backward-compatibility between products.

During development and production these products are tested with a worldwide standardized test setup, heart piece of which is a pyramidal test head. This exactly defined shape guarantees repeatability of the results. Most significant advantage for end-users is a wide range of system- and vendor-independent patch cords suitable to reach Cat. 6.
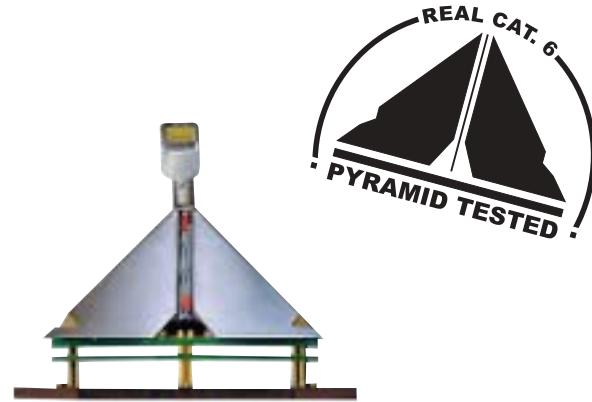
Ensured Performance

Optimized Physical Contact (OPC) enhances your link parameters – for high speed and high quality

Why do you require a controlled ferrule end face? Enhanced services such as Gigabit and 10 Gigabit Ethernet require a high quality cabling system. Therefore, IEC 60874-19-1 specifies the dimensional details of SC connectors in order to ensure intermatability and performance within an ISO 11801 specified application. These dimensional requirements are directly related to the endface characteristics of a polished ferrule, namely its **Radius**, **Dome Offset** and **Fibre Position**.

If these ferrule characteristics are optimal an **Optimized Physical Contact (OPC)** between the two connectors is guaranteed. This will enhance data transmission parameters like **Optical Performance, Attenuation, Return Loss** and **Data Link Stability.**

Also, the optical **intermatability** between connectors of different suppliers can be ensured by controlled endfaces. As a result of **OPC** a stable physical contact between the endfaces is achieved. This provides a very low Insertion Loss as well as a high Return Loss in order to run high speed applications like Gigabit or 10 Gigabit Ethernet.

All Products in this catalog that feature the ENSURED PERFORMANCE logo provide **OPC** at all time. AMP NETCONNECT guarantees a controlled endface for all OM3 assemblies and field installable products (MT-RJ and LightCrimp Plus).

Photo: Seikoh Giken

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Tyco Electronics
AMP NETCONNECT

European Product Catalog
   Premises Cabling

Revision: October 2005

The product portfolio shown in this catalog contains the most important AMP NETCONNECT cabling system components for the European region. However, not every available product or product type can be displayed. In case of requests regarding products not shown or for any other question please contact one of the following AMP NETCONNECT country head quarters:

Wiring Diagrams for Modular Plugs and Jacks

T568A Wiring

Pins   Pairs

1 2 3 4 5 6 7 8

Pair 1
Pair 3   Pair 2   Pair 4

Tip - - - - - - -
Ring ————————

T568B Wiring



Pins   Pairs

1 2 3 4 5 6 7 8

Pair 1
Pair 2   Pair 3   Pair 4

# Application Wiring Diagrams for Modular Jacks

● 10Base-T
● 100Base-TX

● 1000Base-T
● 10GBase-T
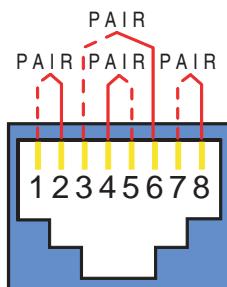
● Token Ring
● ISDN, xDSL

● ATM/TP-PMD
● 1000Base-TX2

PAIR PAIR

1 2 3 4 5 6 7 8

Tip - - - - - - -
Ring ————————

PAIR
PAIR PAIR PAIR

1 2 3 4 5 6 7 8

PAIR
PAIR

1 2 3 4 5 6 7 8

PAIR   PAIR

1 2 3 4 5 6 7 8
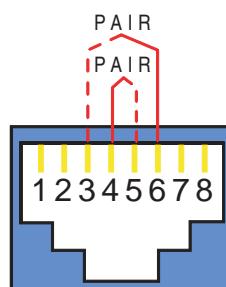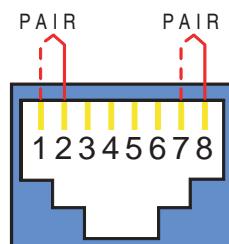
Note: All of the applications listed above (as well as most other communications applications) can be implemented on both T568A and T568B jacks.

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