

Marshall-Tufflex Cat 6 Compliant Trunking Systems

CI/SfB

(62)

In6

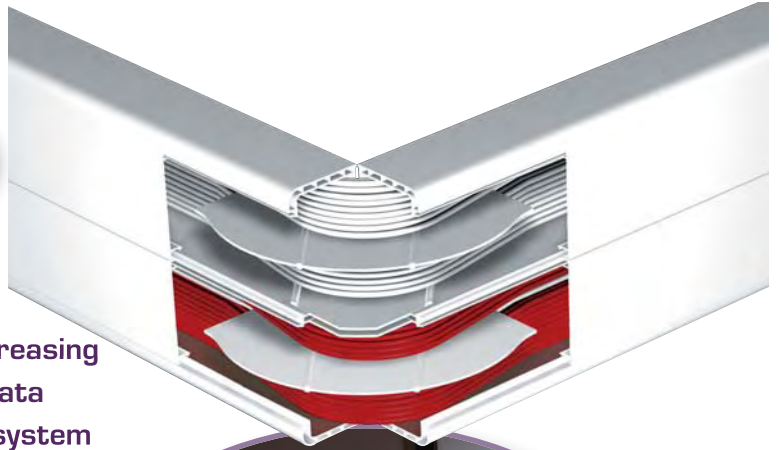


www.marshall-tufflex.com



MARSHALL-TUFFLEX

Cat 6



Because you have to accommodate the increasing performance levels of current and future data networks, you'll need a cable containment system that measures up to those demands. To help you select the system that's right for your application, this leaflet has been designed to provide easily referenced information on capacity, dimensional and descriptive details for all Marshall-Tufflex Cat 6 compliant trunking systems.

Decisions on the right system for any application are based on many factors. Whatever the requirement, we are sure that there will be a Marshall-Tufflex Cat 6 solution for your installation. Cat 6 compliant features include:

- Bend radius of 25mm and 50mm
- Steel screening divider to BS EN 50174-2
- 50mm power/data separation to BS EN 50174-2
- Full compartment copper spray screening (to assist in meeting EMC Directive) with NO reduction of compartment capacity
- Adjustable depth data boxes
- Clear trunking for high security installations
- Cat 6 data outlets
- Trunking systems that can be extended to accommodate any number of data cables
- 100% recyclable materials




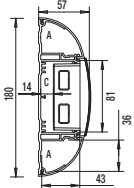

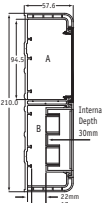

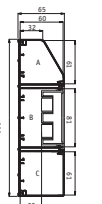
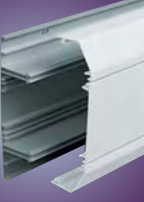
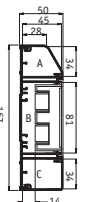
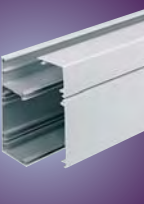
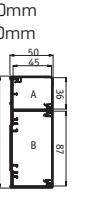

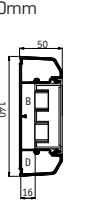

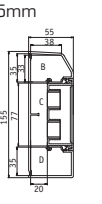

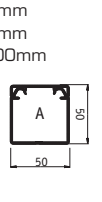

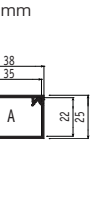
*A range of smart
systems
designed for every
contingency.*



MARSHALL-TUFFLEX AND THE ENVIRONMENT

Marshall-Tufflex is dedicated to meeting the requirements of Vinyl 2010 and its Voluntary Commitment to the European Commission. The Company has been recycling PVC-U products for many years and actively pursues the development of material formulations based on environmentally acceptable materials.

YOUR CAT 6 PRODUCT TABLE: Capacity based on typical va

SYSTEM		DIMENSIONS	CABLE CAPACITY UTP (Cable capacity at 45% and 100%)			CABLE CAPACITY STP (Cable capacity at 45% and 100%)		
Odyssey Trunking System		180 x 57mm 	Comp	45%	100%	Comp.	45%	100%
			A	13	30	A	11	26
			* C (with accs box)	10	23	* C (with accs box)	9	20
			C (without accs box)	38	85	C (without accs box)	32	74
Sterling Twin Plus		210 x 57mm 	Comp	45%	100%	Comp.	45%	100%
			A	53	117	A	44	100
			* B (with accs box)	20	45	* B (with accs box)	17	39
Sterling XL		220 x 65mm 	Comp	45%	100%	Comp.	45%	100%
			A	30	67	A	25	58
			* B (with accs box)	26	58	* B (with accs box)	22	50
			B (without accs box)	50	111	B (without accs box)	42	96
Sterling Profile		167 x 50mm 	Comp	45%	100%	Comp.	45%	100%
			A	13	28	A	11	24
			* B (with accs box)	10	23	* B (with accs box)	9	20
			B (without accs box)	41	91	B (without accs box)	34	78
Sterling Compact		130 x 50mm 181 x 50mm 	Comp	45%	100%	Comp.	45%	100%
			A	15	34	A	13	29
			* B (with accs box)	11	24	* B (with accs box)	9	21
Sterling Mono Plus 20		140 x 50mm 	Comp	45%	100%	Comp	45%	100%
			D	11	21	D	9	18
			* B (with accs box)	12	28	* B (with accs box)	10	24
Sterling Mono Plus 30		155 x 55mm 	B (without accs box)	37	82	B (without accs box)	31	71
			Comp	45%	100%	Comp	45%	100%
			B	15	34	B	13	30
			* C (with accs box)	16	36	* C (with accs box)	14	31
Maxi Data		50 x 50mm 75 x 75mm 100 x 100mm 	C (without accs box)	43	95	C (without accs box)	36	82
			D	18	39	D	15	34
			Comp	45%	100%	Comp	45%	100%
			A 50 x 50mm	22	48	A 50 x 50mm	18	41
Mini 4 Data		38 x 25mm 	A 75 x 75mm	51	113	A 75 x 75mm	43	97
			A 100 x 100mm	94	209	A 100 x 100mm	80	180
			Comp	45%	100%	Comp.	45%	100%
			A	8	22	A	7	19

*Capacity calculated using 30mm deep accessory box.

Values for UTP (Ø6.5mm) and STP (Ø7.0mm) data cables			
BEND RADIUS CONTROL	DESCRIPTIONS AND APPLICATIONS	STEEL INSERT (Segregator)	COPPER SPRAY (EMI Screening)
25mm	<p>A three-compartment system that's very fast and easy to install:</p> <ul style="list-style-type: none"> No mitre-ing of corners is required Built-in cable tray Tamper-resistant trunking Adjustable & fixed bends are available Recessed boxes for curved accessories maintain Odyssey's smooth lines When calculating number of cables for 100% capacity, reduce by 15% in compartments without accessory boxes, to allow for internal and external corners. <p>Application: An outstandingly elegant dado trunking with flush accessories. Perfect for the modern environment where aesthetics and functionality are of equal importance.</p>	✓	✓
50mm	<p>A high capacity two compartment trunking solution:</p> <ul style="list-style-type: none"> Cable control performance exceeds international category standards Adjustable data box 32 – 47mm <p>Application: A stylish, large trunking for dado and skirting installation.</p>	✓	✓
Contact Technical	<p>A high capacity, multi-compartment system:</p> <ul style="list-style-type: none"> Extendible 88mm compartments for larger capacity 65mm deep External bends feature internal segregators for greater retention and alignment of fitting Adjustable data box 32 – 50mm When calculating number of cables for 100% capacity, reduce by 15% in compartments without accessory boxes, to allow for internal and external corners. <p>Application: Extendible capacity dado and skirting trunking suitable for higher density cabling.</p>	✓	✓
50mm	<p>A range of multi-compartment trunking profiles:</p> <ul style="list-style-type: none"> Moulded horizontal bend assemblies include Radius Control Inserts Further segregation may be achieved by using dividing fillets Adjustable box data 32 – 40mm <p>Application: Extendible capacity dado and skirting trunking.</p>	✓	✓
50mm	<p>A two-compartment system:</p> <ul style="list-style-type: none"> Moulded horizontal bend assemblies include Radius Control Inserts Adjustable data box 32 – 40mm <p>Application: Small and mid-sized dado systems. (181 x 50mm also available)</p>	✓	✓
25mm 50mm: contact Technical	<p>Two, three and four-compartment systems:</p> <ul style="list-style-type: none"> Adjustable data box 32 – 40mm When calculating number of cables for 100% capacity, reduce by 15% in compartments without accessory boxes, to allow for internal and external corners. <p>Application: Mid-sized dado trunking.</p>	N/A	N/A
25mm 50mm: contact Technical	<p>Two, three and four-compartment systems:</p> <ul style="list-style-type: none"> Adjustable data box 32 – 40mm When calculating number of cables for 100% capacity, reduce by 15% in compartments without accessory boxes, to allow for internal and external corners. <p>Application: Mid-sized skirting trunking.</p>	N/A	N/A
50mm plus: contact Technical	<p>Other sizes are available:</p> <ul style="list-style-type: none"> 90° - 135° slow bends provide generous radius Fabricated tees and crossovers will accommodate radius greater than 50mm Available as clear trunking for High Security applications <p>Application: Main feeder runs.</p>	N/A	N/A
50mm	<p>A range of feeder trunking to surface outlet boxes</p> <p>Application: Mini data distribution.</p>	N/A	✓

TECHNICAL HOTLINE: +44 (0) 1424 856688

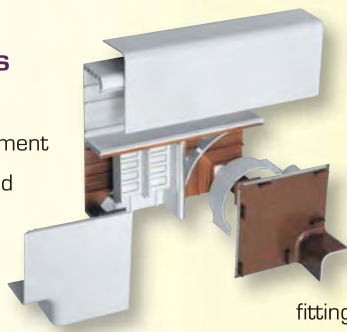


Odyssey Trunking System

An outstandingly elegant trunking profile with flat angles, bends and tees that support Cat 6 compliancy. Odyssey provides your client with a trunking system combining design-led aesthetics and real functional excellence.

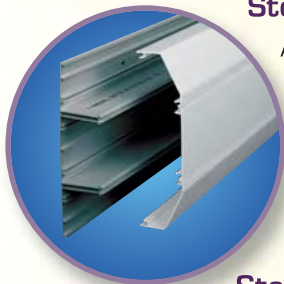
Sterling Twin Plus

A 2-compartment, high capacity, stylish containment system with 50mm bend radius control that exceeds requirements of TIA/EIA, ISO/IEC and CEN/CENELEC standards.



Sterling XL

A larger capacity multi-compartment system with a 65mm deep profile offering the flexibility of extendible compartments.

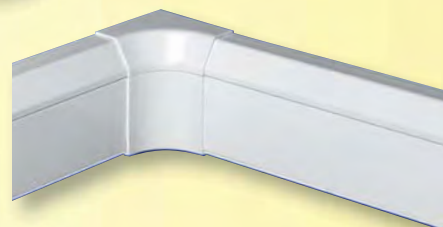


Sterling Profile

A range of multi-compartment and extendible trunking profiles with data fittings that enable the transportation of data, communications and power.

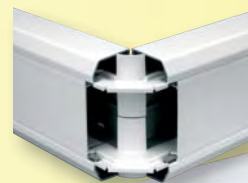
Sterling Compact

Acknowledging the requirement for a smaller system, Sterling Compact provides fittings with a large bend radius, ideal for the transportation of data and telecoms.



Sterling Mono Plus 20 and 30

2, 3 and 4-compartment systems with a single lid.



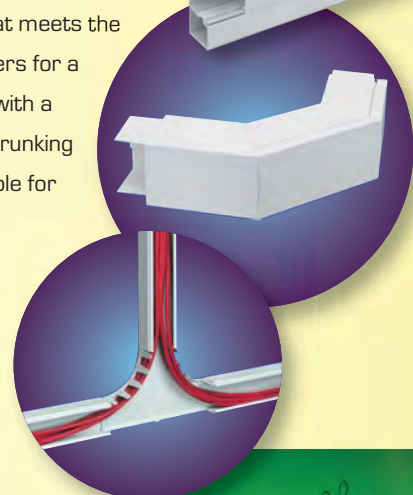
Maxi Data

A feeder trunking that meets the needs of data installers for a stand-alone system with a range of slow angle trunking fittings. Clear trunking is available for High Security installations.

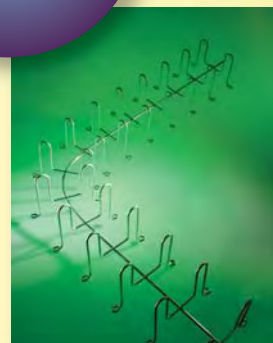


Mini 4 Data

A compact feeder trunking for smaller volume distribution. The only mini trunking to have Cat 6 compliant 50mm radius control fittings.



Also available from Marshall-Tufflex: **SnakeWay** – a unique and extremely practical LV, Voice & Data, cable support system.



MARSHALL-TUFFLEX LTD

Churchfields Industrial Estate, Hastings, East Sussex TN38 9PU

Customer Services: Telephone: 01424 856600
Fax: 01424 856611

Technical Hotline: Telephone: +44 (0) 1424 856688

International Sales: Telephone: +44 (0) 1424 856000
Fax: +44 (0) 1424 856666

E-mail: sales@marshall-tufflex.com

Web: www.marshall-tufflex.com

REPUBLIC OF IRELAND & NORTHERN IRELAND DISTRIBUTOR

Core Electrical Ltd, 17b Goldenbridge Industrial Estate, Tyrconnell Road, Inchicore, Dublin 8

Tel: +353 (0) 1453 7033

Fax: +353 (0) 1453 8911

In pursuance of our policy of continued product improvement Marshall-Tufflex reserves the right to change the design or specification of its products without notification.

