PVC–U PERIMETER TRUNKING SYSTEMS

PVC-U perimeter trunking is an ideal solution for the transportation of data, communication and power cabling.

Marshall Tufflex

PVC-U PERIMETER TRUNKING SYSTEMS

Polyvinyl chloride unplasticised (PVC-U) is one of the most successful modern synthetic materials. It makes excellent use of scarce resources, is long-lasting and safe in production, use and is widely recycled.

PVC-U cable containment is easy to install, light to handle and very cost-effective. It is an excellent choice of material for the majority of commercial, education and healthcare environments and has been more thoroughly researched than almost any other synthetic material.

With the widest range of any supplier, there will always be a perfect solution with Marshall-Tufflex.
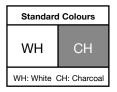
We have PVC-U multi-compartment perimeter trunking in different heights, designs, cable capacities and numbers of compartments to suit all installation requirements.

Choose the UK's number one in cable management.

Standard colour

The standard colour for each Marshall-Tufflex perimeter trunking range is shown within each relevant product information section, although solid white RAL 9003 is our most popular colour option.

The below table identifies the relevant RAL colour reference for all our standard colour options, dependent on product range. However we would be happy to quote for any other colour requirements, please see the Special Colours section.

Standard Colours	
WH	CH
WH: White CH: Charcoal	

Material	Standard colour	Colour code suffix	RAL
PVC-U	Solid White Charcoal	WH CH	9003 7021

Please note: it is dependent on the product range as to which colour is available as standard.

Special colours and finishes

To help enhance the style of an installation, different variations of solid colour are sometimes required.
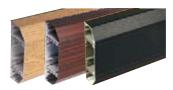
We can provide special colours in either a solid PVC-U solution or a painted solution dependent on your client's preference. All special colours requirements will need to be specified as a RAL colour.

Please note: due to different processes and materials utilised, it may not always be possible to obtain an exact colour match between the extruded and moulded product.

Woodgrain finishes

For a truly authentic look, we offer a range of woodgrain finishes for trunking and fittings in Light Oak, Mahogany and Ebony that provide interior designers with the scope to offer a more traditional feel. Colours can be indicated by replacing the WH colour code with the specific woodgrain code required.

Woodgrain finish		
LO	MY	EY
LO: Light oak MY: Mahogany EY: Ebony		

Please note: these colours and finishes are made to order and therefore are subject to set up charges, minimum order quantities and a longer lead time. For more information and a quotation contact our Technical Team on +44 (0)1424 856688.

Copper screening

A special conductive spray coating is applied to the relevant section of the trunking or fittings to assist in screening data cables against EMI interference with no reduction in cable capacity.

Marshall-Tufflex offer a standard range of copper screened products within selected PVC-U perimeter trunking systems which are shown within this catalogue and are held in stock.

If you have a requirement for products to be copper screened that are not part of our standard range, please contact our Technical Team on +44 (0)1424 856688. Please note that non standard products are made to order and therefore are subject to set up charges and a longer lead time.

Bio antimicrobial trunking

Where hygiene is a priority, Marshall-Tufflex has a solution with integral antimicrobial properties that can be incorporated within the PVC-U perimeter trunking and deliver ongoing antimicrobial protection that prevents 99.9% of harmful bacteria.

Because the Marshall-Tufflex Bio trunking solution is integral to the PVC-U material, there is no reduction in effectiveness of the trunking throughout its life – even if it is scratched or damaged.

We hold stock of key Odyssey and Sterling Curve trunking components with Bio antimicrobial protection due to its popularity.

The following trunking systems; Compact trunking, Mono Plus 20 trunking, Sterling Profile, Twin Plus trunking and XL trunking are also available in Bio but not available as standard.

Please note: non standard products are made to order and therefore are subject to set up charges and a longer lead time. For more information and a quotation contact our Technical Team on +44 (0)1424 856688.

Environmental

- No increase in dioxin emission from Municipal Waste Incineration.
- No phthalates used in manufacture of PVC-U or FR-ABS.
- Lead-free formulations are used for mouldings and extrusions.
- No use of cadmium-based stabilisers or pigments.
- Lowest oil content of a commodity plastic.

Recycling and sustainability

- PVC-U is a cost-effective, sustainable choice and comparable with other materials such as steel, aluminium, copper and wood.
- 100% recyclable material.
- Long life cycle.
- Excellent weather resistance.
- No painting or powder coating required.

EMI protection

- Some PVC-U systems are available with a coating that provides effective screening against electromagnetic interference with no reduction in cable capacity.
- Steel screening insert option.
- Aluminium screening insert option.

Fire performance

- The fire rating for PVC-U is excellent* and PVC-U has all the characteristics required for Fire Escape Time.
- Highly resistant to ignition.
- Does little to contribute to the spread of fire and is classified to Building Regs: Class 0.
- Has a low rate of smoke production during the early stages of a fire.
- Acts as an effective barrier to flame spread from malfunctioning electrical components within systems.
- Chars and is self-extinguishing.
- Does not produce flaming droplets or burning debris.
- ABS fittings fire rated to UL94V0.

*see the independent report at www.beama.org.uk

PVC-U PERIMETER TRUNKING SYSTEMS

PVC-U multi-compartment perimeter trunking is available in different heights, designs, cable capacities and numbers of compartments to suit all installation requirements. Standard PVC-U products are supplied as white. For further information on colour and finish options please refer to page 100 or call our Technical Team on +44 (0)1424 856688.

Note: you may use the rule on the left of this page to check profile sizes.

Mono 10
100 x 50mm

Small trunking with a single cover suitable for dado application and as a feeder trunking.

Page 109

Compact 1
130 x 50mm

Dado and skirting trunking with one full and one half size compartment.

Page 115

Compact 2
130 x 50mm

Dado and skirting trunking with one full and one half size compartment.

Page 117

Series R 130
130 x 65mm

Extra deep compact trunking suitable for dado application and as a feeder trunking.

Page 154

Mono Plus 20
140 x 50mm

Dado trunking with three compartments and a single cover.

Page 111

Mono Plus 30
155 x 55mm

Dado trunking with one main compartment and two smaller outer compartments suitable for skirting or worktop application.

Page 113

Twin165
160 x 65mm

A mid-size dado trunking with one full size compartment and one two-thirds size compartment to accommodate Cat 6 and Cat 6a data cabling.

Page 149

Sterling Profile 1
167 x 50mm

Dado trunking with three separate compartments and individual covers for each compartment.

Page 122

Sterling Profile 2
167 x 50mm

Skirting trunking with three separate compartments and individual covers for each compartment.

Page 122

Sterling Profile 3
167 x 50mm

Dado and skirting trunking with three separate compartments and individual covers for each compartment.

Page 122

Sterling Curve Profile 1
167 x 50mm

A curved dado trunking with three segregated compartments that can be subdivided and screened if required.

Page 128

Sterling Curve Profile 2
167 x 50mm

A curved skirting trunking with three segregated compartments that can be subdivided and screened if required.

Page 128

Odyssey
180 x 57mm

Curved profile dado trunking with one main compartment and two smaller outer compartments.

Page 106

Compact 3
181 x 50mm

Dado and skirting trunking with two full size compartments.

Page 119

Twin Plus
210 x 57mm

Large dado and skirting trunking with two deep compartments incorporating segregation of power and data.

Page 151

Sterling Profile 4
218 x 50mm

Large dado and skirting trunking with one half size and two full compartments with the option of extending the height.

Page 134

Sterling Profile 5
218 x 50mm

Large dado and skirting trunking with one half size and two full compartments with the option of extending the height.

Page 134

XL 201
220 x 65mm

Extra large dado trunking with three deep compartments.

Page 141

XL 202
220 x 65mm

Skirting trunking with three deep compartments.

Page 141

XL 203
220 x 65mm

Dado and skirting trunking with three deep compartments.

Page 141

Sterling Profile 11
255 x 50mm

Dado trunking with two full size compartments and two half size compartments with the option of extending the height.

Page 134

Sterling Profile 12
255 x 50mm

Skirting trunking with two full size compartments and two half size compartments withthe option of extending the height.

Page 134

Sterling Profile 13
255 x 50mm

Dado and skirting trunking with two full size compartments and two half size compartments with the option of extending the height.

Page 134

Sterling Profile 6
269 x 50mm

Dado and skirting trunking with three full size compartments and the option of extending the height.

Page 134

XL 211
308 x 65mm

Dado trunking with four deep compartments.

Page 145

XL 212
308 x 65mm

Skirting trunking with four deep compartments.

Page 145

XL 213
308 x 65mm

Dado and skirting trunking with four deep compartments.

Page 145

Sterling Profile and XL Trunking

These trunking ranges can be extended easily by using additional compartments. For more information, contact the Technical Team on +44 (0)1424 856688.

Note: you may use the rule on the left of this page to check profile sizes.

Part M

DDA COMPLIANT BOXES FOR VISUAL IMPAIRMENT

Part M of the UK Building Regulations for Visual Impairment requires that face plates differ in colour from their background. Coloured accessory boxes provide a different colour frame to contrast against standard white accessories and are offered as part of our standard product range in blue (RAL5002) and charcoal (RAL7021). Two ranges are available, one compatible with Odyssey and one compatible with other PVC-U and Aluminium trunking systems.
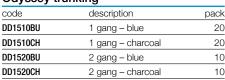
Odyssey trunking with Part M boxes installed at Old Swinford Hospital School, Stourbridge.

Sterling Profile 1 with charcoal Part M flush plate.

Plates are available in other colours subject to set up charges, minimum order quantities and longer lead times.

1 and 2 gang accessory boxes for Odyssey trunking

code	description	pack
DD1510BU	1 gang – blue	20
DD1510CH	1 gang – charcoal	20
DD1520BU	2 gang – blue	10
DD1520CH	2 gang – charcoal	10

1 and 2 gang power and data mounting frame for Odyssey trunking

code	description	pack
DD1560BU	1 gang – blue plate	2
DD1560CH	1 gang – charcoal plate	2
DD1570BU	2 gang – blue plate	2
DD1570CH	2 gang – charcoal	2

1 and 2 gang accessory boxes with coloured flush plate for PVC-U and Aluminium trunking systems

code	description	pack
ESPM1BU	1 gang – blue plate	1
ESPM1CH	1 gang – charcoal plate	1
ESPM2BU	2 gang – blue plate	1
ESPM2CH	2 gang – charcoal plate	1

Retrofit spacer for 1 and 2 gang accessory boxes for PVC-U and Aluminium trunking systems

code	description	pack
ES3BU	Part M spacer – blue	4
ES3CH	Part M spacer – charcoal	4

For more information and a quotation contact our Technical Team on +44 (0)1424 856688

MT32 PREFABRICATED AND MODULAR WIRING SYSTEMS

MT32 prefabricated and modular wiring systems are designed to take all the hard work out of electrical installations by providing the complete pre-wired, pre-tested, plug and play electrical wiring system.

The system provides fast, safe, labour and cost saving installations that comply with BS 8488:2009+A1:2010 for prefabricated wiring systems intended for permanent connection in fixed installation.

The range of pre-wired, pre-tested and assembled interconnecting leads and accessory modules incorporate the Marshall-Tufflex compact 32Amp connector.

Product information

- 32Amp rated system
- Available as LS0H 3 core 2.5mm² flex system specification that meets the requirement for high integrity earthing
- Suitable for ring and radial circuits
- Circuit testing only required on completion of final layout
- Reduced installation time – no cutting required on site
- Reduced health & safety risk

Male shielded connection

Female shielded connection

Complete pre-wired through accessory assembly incorporating MT32 trunking back box

Pre–wired accessories

Extension cable 2.5mm²

code	length	pack
AA3330	0.5m	1
AA3332	1.5m	1
AA3333	3.0m	1
AA3335	5.0m	1

Connection cable free end 2.5mm²

code	length	pack
AA3732 (male)	1.5m	1
AA3532 (female)	1.5m	1

Male and female adaptors 2.5mm²

code	length	pack
AA7211 (male)	220mm	1
AA7212 (female)	220mm	1

For adapting distribution board to modular system
Note: to fit 20mm knockout

Adaptor cables 2.5mm²

code	length	pack
AA8901 (male/male)	0.5m	1
AA8902 (female/female)	0.5m	1

Required for ring circuit

Terminal block 2.5mm²

code	size	pack
AA6510 (female/male)	2.5mm²	1

Pre–wired accessory 2.5mm²

code	size	pack
AA6221	2 gang	1

MT32 prefabricated modular wiring system installed at Fitzwilliam Museum. See page 127 to read the case study.

MT32 Connectors

The description 'male' (white) and 'female' (black) does not refer to the connector pins but describes and identifies the moulded connector housings.

For further information please contact our Technical Team on +44 (0)1424 856688.

PVC-U PERIMETER TRUNKING SYSTEMS

Odyssey is a three-compartment trunking system with a completely curved front profile designed with tamper-resistant covers and fittings and flush accessories to enhance the finished appearance. Odyssey's curved profile is easy to clean and prohibits surface clutter.

COMPLIANT UP TO **CAT 7A**

BIO ANTIMICROBIAL TRUNKING

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

Product information
- 180 x 57mm
- 1 main compartment and 2 smaller outer compartments
- Can be subdivided
- Suitable for dado application
- Available in antimicrobial Bio option (see page 107)
- Flush fitting accessories
- Tamper resistant covers and fittings

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 65mm
- Steel divider available to BS EN 50174-2
- Can be screened against EMI with no reduction in cable capacity
- Adjustable data box 32-40mm
- Screened divider and data boxes
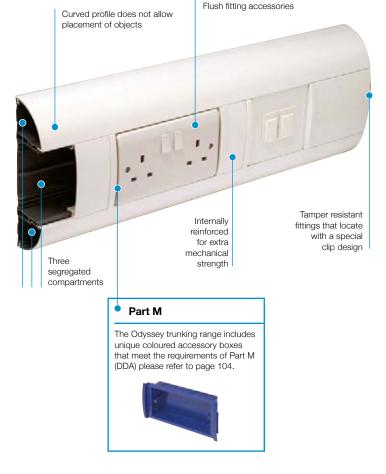
Standard Colour
WH
WH: White

Curved profile does not allow placement of objects

Flush fitting accessories

Internally reinforced for extra mechanical strength

Tamper resistant fittings that locate with a special clip design

Three segregated compartments

Part M

The Odyssey trunking range includes unique coloured accessory boxes that meet the requirements of Part M (DDA) please refer to page 104.

Trunking profile

Trunking assembly (base and 3 covers)

code	size	pack
DD1WH	180 x 57mm	1 x 3m

Fittings

Coupler

code	pack
DD1210WH	1

End cap

code	pack
DD1230WH	2

Internal bend

code	pack
DD1310WH	1

Internal bend adjustable

code	adjustable	pack
DD1330WH	85–95°	1

External bend

code	pack
DD1350WH	1

External bend adjustable

code	adjustable	pack
DD1370WH	85 – 95°	1

Flat angle up/down

code	pack
DD1410WH	1

Flat tee 3 part assembly – up/down

code	pack
DD1430WH	1

Flat tee cover

An option is available to order a flat tee cover only (DD1440WH). Please call the Technical Team on +44 (0)1424 856688.

Fittings

MMT2 adaptor

code	size	pack
DD1740WH	MMT2	1

Round conduit adaptor

code	size	pack
DD1720WH	20mm	1
DD1725WH	25mm	1

*Box adaptors

When installing adjustable boxes DD1540 and DD1550, a DD1590 adaptor should be used at either end of the box.

Where two or more adjustable boxes are being used in line, the spacer included is for use between boxes and a DD1590 adaptor is used at either end.

Boxes

*RCD housing

code	pack
DD1580MWH	1

Up to 4 modules can be accommodated

Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
DD1510WH	30mm	20

2 gang accessory box

code	depth	pack
DD1520WH	30mm	10

*1 gang adjustable depth box ·CAT 7A·

code	depth	pack
*DD1540WH	32 – 39mm	10

*2 gang adjustable depth box ·CAT 7A·

code	depth	pack
*DD1550WH	32 – 39mm	10

*Accessory box adaptor

code	pack
DD1590WH	1 pair

Each pack contains 2 adaptors

1 gang power and data mounting frame ·CAT 7A·

code	pack
DD1560WH	2

2 gang power and data mounting frame ·CAT 7A·

code	pack
DD1570WH	2

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104.

Odyssey Bio

BIO ANTIMICROBIAL TRUNKING

Odyssey is available as part of our standard range with Bio antimicrobial protection within the PVC-U material.

Odyssey Bio trunking component chart

	Trunking assembly	End cap (1 piece)	Coupler (1 piece)	Internal bend (1 piece)	Internal adjustable bend	External bend (1 piece)	External adjustable bend	Flat angle (up or down)	Flat tee (up or down)	1 gang accessory box	2 gang accessory box	1 gang Bio power and data mounting frame	2 gang Bio power and data mounting frame
				·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·	·CAT 7A·
Odyssey trunking 180 x 57mm	DD1B Pack 1 x 3m	DD1233WH Pack 2	DD1213WH Pack 1	DD1313WH Pack 1	DD1333WH Pack 1	DD1353WH Pack 1	DD1373WH Pack 1	DD1413WH Pack 1	DD1433WH Pack 1	DD1513WH Pack 20	DD1523WH Pack 10	DD1561WH Pack 2	DD1571WH Pack 2

p274

Technical Information

PVC-U PERIMETER TRUNKING SYSTEMS

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist in screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. BS 7671:2008. For data/voice use only.

Steel screening divider

code	pack
DD1730	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding clip

code	pack
ESF3	5

Bonding strap

code	pack
DD1711	5

Odyssey screened component chart

3 Compartment

Odyssey CS1

Odyssey trunking assembly screened – 1 compartment only	
Pack 1 x 3m	DD1001WH
Odyssey trunking assembly screened – compartment 1 & 3	
Pack 1 x 3m	DD1002WH
Flat angle (1 & 3)	
Pack 1	DD1412WH
Flat tee (1 & 3)	
Pack 1	DD1432WH
For covers only, please contact the technical team	
1 gang accessory box	
Pack 1	DD1511WH
2 gang accessory box	
Pack 1	DD1521WH

Odyssey Trunking

Odyssey can enhance the look of a project as well as providing all of the practical features that ensure fast and easy installation.

No mitering/cutting of corners required.

Pre-punched bases
Elongated holes at 200mm intervals for quick installation.

Recessed boxes for curved accessories
Flush accessories to maintain a smooth profile.

Striking curved profile
Dust traps avoided, clutter can't be gathered and cleaning easier.

Built-in cable tray
Allows cable support during installation. Acts as reinforcement for outer covers improving mechanical and impact resistance.

3-part tee
Full cable segregation and data compliance. No couplers required.

Fixed & adjustable internal & external bends
Accommodates building intolerances in corners with +/- 5° flexibility.

Mono 10 is a compact trunking that is perfectly suited for the smaller office or workshop area.
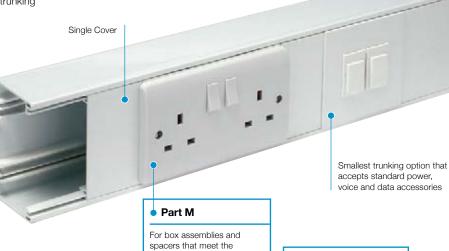
Product information
- 100 x 50mm
- 1 main compartment
- Can be subdivided
- Suitable for dado application and as a feeder trunking

Data information
- Compliant up to Cat 7a*
- Standard bend radius 25mm
- Adjustable data box 32-40mm

COMPLIANT UP TO
CAT 7A

PREFABRICATED MODULAR WIRING
PAGE 105

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

Standard Colour
WH
WH: White

Single Cover

Smallest trunking option that accepts standard power, voice and data accessories

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

*Data fittings

For made to order fittings to meet Cat 7a requirements please contact our Technical Team on +44 (0)1424 856688

Basic components

Trunking base (including 2 dividing fillets)

code	pack
ETB10WH	4 x 3m

Main compartment cover

code	pack
ETL1WH	8 x 3m

Fittings

Coupler

code	pack
EC10WH	5

End cap

code	pack
EEC10WH	5

Internal bend

code	pack
EIB10WH	5

External bend

code	pack
EXB10WH	5

Flat angle cover

code	pack
EFA10WH	1

Flat tee – up/down

code	pack
EFT10WH	1
Fabricated	

Technical Information

PVC-U PERIMETER TRUNKING SYSTEMS

Mono Plus 20 is an economical and stylish three-compartment trunking, compact in size and designed to fit within areas that may have trunking height restrictions.

COMPLIANT UP TO CAT 7A

BIO ANTIMICROBIAL TRUNKING

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

'Bio option' available to special order

Product information
- 140 x 50mm
- 1 main compartment and 2 smaller outer compartments
- Can be subdivided
- Suitable for dado application

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Adjustable data box 32-40mm

Standard Colour
WH
WH: White

Dividing fillet option for centre compartment

Single Cover

Three segregated compartments

Smallest 3 compartment trunking option that accepts standard power, voice and data accessories

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Basic components

Trunking base (including 2 dividing fillets)

code	pack
EMT20WH	4 x 3m

Main compartment cover

code	pack
ETL1WH	8 x 3m

Fittings

Coupler

code	pack
EC20WH	5

End cap

code	pack
EEC20WH	5

Internal bend CAT 7A

code	pack
EIB20WH	5

External bend CAT 7A

code	pack
EXB20WH	5

Flat angle – up/down

code	pack
EFA20WH	1
Fabricated	

Slow bend CAT 7A

code	pack
EFA20SBWH	1
Fabricated	

p272

Technical Information

Fittings

Flat tee – up/down

code	pack
EFT20WH	1

Fabricated

Flat tee Gusseted ···CAT 7A···

code	pack
EFT20GTWH	1

Fabricated

Components

Dividing fillet

code	pack
EDF1	8 x 3m

Main crossover bridge

code	pack
EMCB1	5

Main cable retainer

code	pack
EMCR1	10

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ···CAT 7A···

code	depth	pack
EAB1WH	32 – 40mm	10

2 gang adjustable depth box ···CAT 7A···

code	depth	pack
EAB2WH	32 – 40mm	5

1 gang accessory plate ···CAT 7A···

code	pack
ESSP1WH	2

2 gang accessory plate ···CAT 7A···

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm.
Please see page 311 for more information.

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104 of this section.

Mono Plus 30 is an economical and stylish three-compartment compact skirting system, particularly suitable for general office applications.

COMPLIANT UP TO ····CAT 7A····

PREFABRICATED MODULAR WIRING PAGE 105

EMI PROTECTION

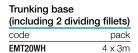**BiM BUILDING INFORMATION MODELLING**
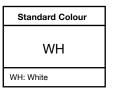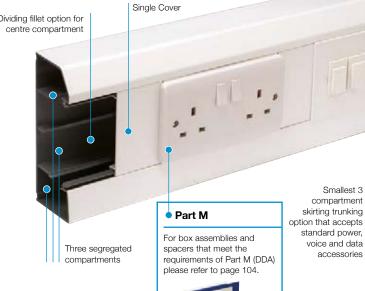
Product information
- 155 x 55mm
- 1 main compartment and 2 smaller outer compartments
- Can be subdivided
- Suitable for skirting or worktop application

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Adjustable data box 32-40mm

Dividing fillet option for centre compartment

Single Cover

Standard Colour
WH
WH: White

Three segregated compartments

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Smallest 3 compartment skirting trunking option that accepts standard power, voice and data accessories

PVC-U PERIMETER TRUNKING SYSTEMS

Basic components

Trunking (including 2 dividing fillets)

code	pack
EMT30WH	4 x 3m

Main compartment cover

code	pack
ETL1WH	8 x 3m

Fittings

Coupler

code	pack
EC30WH	5

End cap

code	pack
EEC30LHWH (left hand)	5
EEC30RHWH (right hand)	5

Internal bend ····CAT 7A····

code	pack
EIB30WH	5

External bend ····CAT 7A····

code	pack
EXB30WH	5

Flat angle – upward

code	pack
EFA30UWH	1
Fabricated	

Flat angle – downward

code	pack
EFA30DWH	1
Fabricated	

p272

Technical Information

Fittings

Flat tee – upward

code	pack
EFT30ULWH	1

Fabricated

Flat tee – downward

code	pack
EFT30DLWH	1

Fabricated

Components

Dividing fillet

code	pack
EDF30	8 x 3m

Main crossover bridge

code	pack
EMCB1	5

Main cable retainer

code	pack
EMCR1	10

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ····•CAT 7A•

code	depth	pack
EAB1WH	32 – 40mm	10

2 gang adjustable depth box ····•CAT 7A•

code	depth	pack
EAB2WH	32 – 40mm	5

EAB1 and EAB2 are fully adjustable to 47mm.
Please see page 311 for more information.

····•CAT 7A•
1 gang accessory plate

code	pack
ESSP1WH	2

····•CAT 7A•
2 gang accessory plate

code	pack
ESSP2WH	2

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104 of this section.

Compact 1 is a small, fully segregated two compartment trunking system with a chamfered top profile. This trunking is suited to fit within areas where physical outside dimensions are important, for example, to negotiate above or below radiators and window sills.
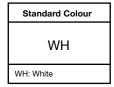
COMPLIANT UP TO CAT 7A

BIO ANTIMICROBIAL TRUNKING

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

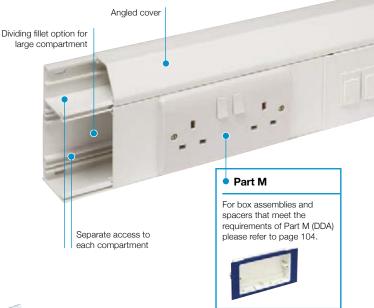'Bio option' available to special order

Product information
- 130 x 50mm
- 1 full and 1 half size compartment
- For dado installation
- Can be subdivided

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Compact 1 and 2 small compartment can be screened to assist against EMI with no reduction in cable capacity
- Adjustable data box 32-40mm
- Screened divider and data boxes
- Steel divider available

Standard Colour
WH
WH: White

See page 121 for quick reference chart

Angled cover

Dividing fillet option for large compartment

Separate access to each compartment

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Basic components

Base unit

code	pack
ETB2WH	4 x 3m

Main compartment cover

code	pack
ETL1WH	8 x 3m

Angled cover

code	pack
ETAC1WH	8 x 3m

Fittings

Compact 1 Couplers

code	description	pack
ECC1WH	2 piece	5
ECHC1WH	1 piece	5

Compact 1 End caps LH & RH

code	description	pack
EECC1LHWH	2 piece	5
EECC1RHWH	2 piece	5
EECHC1LHWH	1 piece	5
EECHC1RHWH	1 piece	5

Compact 1 Internal bend

code	description	pack
EIBC1WH	2 piece	5
EIBHC1WH	1 piece	5

Compact 1 Internal bend assembly CAT 7A

code	description	pack
ELIBCD1WH	assemblies	1
EIBCD1WH	covers only	1

Compact 1 External bend

code	description	pack
EXBC1WH	2 piece	5
EXBHC1WH	1 piece	5

Compact 1 External bend assembly CAT 7A

code	description	pack
ELOBCD1WH	assemblies	1

Compact 1 Flat angle upward

code	pack
EFAC1UWH	1

Compact 1 flat angle downward

code	pack
EFAC1DWH	1

Compact 1 flat tees

Compact 1 flat tees are handed to the left or to the right side. For the product you require, please order the following:

Left upward = EFTC1ULWH

Left downward = EFTC1DLWH

Right upward = EFTC1URWH

Right downward = EFTC1DRWH

For further advice please call the Technical Team on +44 (0)1424 856688.

Fittings

Angled mini-trunking adapter

code	size	pack
EATA2WH	MMT2	5

Angled mini-trunking adapter

code	size	pack
EATA4WH	MMT4	5

Allows the transfer of cables from Compact 1 to Marshall-Tufflex Mini-Trunking

Components

Dividing fillet

code	pack
EDF1	8 x 3m

Steel screening divider

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Main crossover bridge

code	pack
EMCB1	5

Provides segregation of services crossing from one compartment to another

Angled cable retainer

code	pack
EACR1	10

Provides cable retention in the upper angled or square compartment.

Main cable retainer

code	pack
EMCR1	10

The recommended cable retainer for all compartments which use the ETL1WH lid.

Boxes and plates

*RCD/MCB housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable ···•CAT 7A• depth box

code	depth	pack
EAB1WH	32 – 40mm	10

EAB1 is fully adjustable to 47mm. Please see page 311 for more information.

2 gang adjustable ···•CAT 7A• depth box

code	size	pack
EAB2WH	32 – 40mm	5

EAB2 is fully adjustable to 47mm. Please see page 311 for more information.

1 gang accessory ···•CAT 7A• plate

code	pack
ESSP1WH	2

2 gang accessory ···•CAT 7A• plate

code	pack
ESSP2WH	2

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104.

Compact 2 is a small, fully segregated two compartment trunking system with a square top profile. This trunking is suited to fit within areas where physical outside dimensions are important, for example, to negotiate above or below radiators and window sills.

COMPLIANT UP TO
CAT 7A

BIO ANTIMICROBIAL TRUNKING

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

'Bio option' available to special order

Product information
- 130 x 50mm
- One full size compartment and one half size
- For dado and skirting installation
- **Note:** where Compact 2 is fitted at skirting level, it is recommended that the larger compartment is installed uppermost.
- Can be subdivided

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Compact 1 and 2 small compartment can be screened to assist against EMI with no reduction in cable capacity
- Adjustable data box 32-40mm
- Screened divider and data boxes
- Steel divider available

Standard Colour
WH
WH: White

See page 121 for quick reference chart

Dividing fillet option for large compartment

Two separate covers

Separate access to each compartment

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Basic components

Base unit
code	pack
ETB2WH	4 x 3m

Main compartment cover
code	pack
ETL1WH	8 x 3m

Square cover
code	pack
ETSC1WH	8 x 3m

Fittings

Compact 2 Couplers
code	description	pack
ECC2WH	2 piece	5
ECHC2WH	1 piece	5

Compact 2 End caps LH & RH
code	description	pack
EECC2LHWH	2 piece	5
EECC2RHWH	2 piece	5
EECHC2LHWH	1 piece	5
EECHC2RHWH	1 piece	5

Compact 2 Internal bend
code	description	pack
EIBC2WH	2 piece	5
EIBHC2WH	1 piece	5

Compact 2 Internal bend assembly and cover only
code	description	pack
ELIBCD2WH	assemblies	1
EIBCD2WH	covers only	1

CAT 7A

Compact 2 flat tees

Compact 2 flat tees are handed to the left or to the right side. For the product you require, please order the following:

Left upward = EFTC2ULWH

Left downward = EFTC2DLWH

Right upward = EFTC2URWH

Right downward = EFTC2DRWH

For further advice please call the Technical Team on +44 (0)1424 856688.

Compact 2 External bend
code	description	pack
EXBC2WH	2 piece	5
EXBHC2WH	1 piece	5

Compact 2 External bend assembly
code	description	pack
ELOBCD2WH	assemblies	1

CAT 7A

Compact 2 Flat angle – upward
code	pack
EFAC2UWH	1

Compact 2 Flat angle – downward
code	pack
EFAC2DWH	1

Fittings

Square mini-trunking adapter

code	size	pack
ESTA2WH	MMT2	5

Square mini-trunking adapter

code	size	pack
ESTA4WH	MMT4	5

Allows the transfer of cables from Compact 2 to Marshall-Tufflex Mini-Trunking

Components

Dividing fillet

code	pack
EDF1	8 x 3m

Steel screening divider

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Main crossover bridge

code	pack
EMCB1	5

Provides segregation of services crossing from one compartment to another

Main cable retainer

code	pack
EMCR1	10

The recommended cable retainer for all compartments which use the ETL1WH lid

Boxes and plates

*RCD/MCB housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box •CAT 7A•

code	depth	pack
EAB1WH	32 – 40mm	10

EAB1 is fully adjustable to 47mm. Please see page 311 for more information.

2 gang adjustable depth box •CAT 7A•

code	size	pack
EAB2WH	32 – 40mm	5

EAB2 is fully adjustable to 47mm. Please see page 311 for more information.

1 gang accessory plate •CAT 7A•

code	pack
ESSP1WH	2

2 gang accessory plate •CAT 7A•

code	pack
ESSP2WH	2

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104.

Compact 3 is a fully segregated trunking system with two main compartments suited for installations requiring larger cable capacity.

COMPLIANT UP TO CAT 7A · **BIO** ANTIMICROBIAL TRUNKING · **PAGE 105** PREFABRICATED MODULAR WIRING · **EMI PROTECTION** · **BIM** BUILDING INFORMATION MODELLING

'Bio option' available to special order

Product information
- 181 x 50mm
- 2 full size compartments
- For dado and skirting installation
- Can be subdivided

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Adjustable data box 32-40mm
- Screened divider and data boxes
- Steel divider available

Standard Colour
WH
WH: White

See page 121 for quick reference chart

Base extension

Dividing fillet option

Two separate covers

Separate access to each compartment

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Basic components

Base unit
code	pack
ETB2WH	4 x 3m
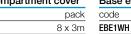
Main compartment cover
code	pack
ETL1WH	8 x 3m

Base extension
code	pack
EBE1WH	4 x 3m

Fittings

Compact 3 Coupler
code	description	pack
ECC3WH	2 piece	5
ECHC3WH	1 piece	5

Compact 3 End caps LH & RH
code	description	pack
EECC3LHWH	2 piece	5
EECC3RHWH	2 piece	5
EECHC3LHWH	1 piece	5
EECHC3RHWH	1 piece	5

Compact 3 Internal bend
code	description	pack
EIBC3WH	2 piece	5
EIBHC3WH	1 piece	5

Compact 3 Internal bend assembly and cover only
CAT 7A
code	description	pack
ELIBCD3WH	assemblies	1
EIBCD3WH	covers only	1

Compact 3 External bend
code	description	pack
EXBC3WH	2 piece	5
EXBHC3WH	1 piece	5

Compact 3 External bend assembly
CAT 7A
code	description	pack
ELOBCD3WH	assemblies	1

Compact 3 Flat angle – up/down
code	pack
EFAC3WH	1

Compact 3 Flat tee – up/down
code	pack
EFTC3WH	1

PVC-U PERIMETER TRUNKING SYSTEMS

Components

PVC-U PERIMETER TRUNKING SYSTEMS

Boxes and plates

Dividing fillet

code	pack
EDF1	8 x 3m

Steel screening divider

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Main crossover bridge

code	pack
EMCB1	5

Provides segregation of services crossing from one compartment to another

Main cable retainer

code	pack
EMCR1	10

The recommended cable retainer for all compartments which use the ETL1WH lid

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ····•CAT 7A•··

code	depth	pack
EAB1WH	32 – 40mm	10

2 gang adjustable depth box ····•CAT 7A•··

code	size	pack
EAB2WH	32 – 40mm	5

1 gang accessory plate ····•CAT 7A•··

code	pack
ESSP1WH	2

2 gang accessory plate ····•CAT 7A•··

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm. Please see page 311 for more information.

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104.

Quick reference chart
Compact trunking

	2 compartment		
	Compact 1 130 x 50mm	Compact 2 130 x 50mm	Compact 3 181 x 50mm
Base unit Pack 4 x 3m	ETB2WH	ETB2WH	ETB2WH
Base extension Pack 4 x 3m	–	–	EBE1WH
Main compartment cover Pack 8 x 3m	ETL1WH	ETL1WH	2 x ETL1WH
Angled cover Pack 8 x 3m	ETAC1WH	–	–
Square cover Pack 8 x 3m	–	ETSC1WH	–
Couplers Pack 5 1 or 2 piece fittings	ECC1WH or ECHC1WH	ECC2WH or ECHC2WH	ECC3WH or ECHC3WH
End caps Pack 5 1 or 2 piece fittings	EECC1LHWH EECC1RHWH or EECHC1LHWH EECHC1RHWH	EECC2LHWH EECC2RHWH or EECHC2LHWH EECHC2RHWH	EECC3LHWH EECC3RHWH or EECHC3LHWH EECHC3RHWH
Internal bends Pack 5 1 or 2 piece fittings	EIBC1WH or EIBHC1WH	EIBC2WH or EIBHC2WH	EIBC3WH or EIBHC3WH
Internal bend assembly Pack 1 ···CAT 7A···	ELIBCD1WH	ELIBCD2WH	ELIBCD3WH
Internal bend – cover only Pack 1 ···CAT 7A···	EIBCD1WH	EIBCD2WH	EIBCD3WH
External bends Pack 5 1 or 2 piece fittings	EXBC1WH or EXBHC1WH	EXBC2WH or EXBHC2WH	EXBC3WH or EXBHC3WH
External bend assembly Pack 1 ···CAT 7A···	ELOBCD1WH	ELOBCD2WH	ELOBCD3WH
Flat angles – up or down Pack 1	EFAC1UWH EFAC1DWH	EFAC2UWH EFAC2DWH	EFAC3WH
Flat tees – up or down Pack 1 Left or right handed Upward or downward	EFTC1ULWH EFTC1URWH EFTC1DLWH EFTC1DRWH	EFTC2ULWH EFTC2URWH EFTC2DLWH EFTC2DRWH	EFTC3WH

Technical Information
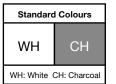
PVC-U PERIMETER TRUNKING SYSTEMS

Sterling Profile systems 1 to 3 are popular and stylish looking perimeter dado and skirting systems that are easy and cost effective to use. A firm favourite for many years due to its versatility, range of fittings and accessories and suitability for many different cable management installation needs.

COMPLIANT UP TO CAT 7A

BIO ANTIMICROBIAL TRUNKING

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

'Bio option' available to special order

Product information

- 167 x 50mm
- 3 segregated compartments
- Outer compartments can be subdivided
- Suitable for dado and skirting application
- Can be fed from larger trunking systems for increased cable distribution
- Boxes available to comply with Part M (DDA)
- Comprehensive range of flush power and data accessories
- Moulded fittings with Profile 1 and Profile 2

Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Compartment can be screened to assist against EMI with no reduction (refer to p103) in cable capacity
- Adjustable data box 32-40mm
- Screened data boxes
- Steel screening divider available

Three segregated compartments

Separate cover access to each compartment

● Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Standard Colours	
WH	CH
WH: White	CH: Charcoal

Colour options: Charcoal solid colour option is available as standard item for selected fittings. Please indicate when ordering by replacing the WH colour code suffix with CH for charcoal.

Trunking profiles

Sterling Profile 1 trunking assembly

code	size	pack
EP1MWH	167 x 50mm	1 x 3m

Sterling Profile 2 trunking assembly

code	size	pack
EP2MWH	167 x 50mm	1 x 3m

Sterling Profile 3 trunking assembly

code	size	pack
EP3MWH	167 x 50mm	1 x 3m

Basic components

Base unit

code	pack
ETB1M	4 x 3m

Main compartment cover

code	pack
ETL1WH	8 x 3m

Angled cover

code	pack
ETAC1WH	8 x 3m

Square cover

code	pack
ETSC1WH	8 x 3m
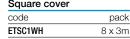
All above covers are also available from stock in charcoal.

p278

Technical Information

Profile 1 fittings

Profile 1
Coupler

code	description	pack
ECP1MWH	1 piece	2

Profile 1 couplers are also available from stock in charcoal.

Profile 1
End cap

code	description	pack
EECP1MWH	1 piece	2

Universal for both LH & RH

Profile 1 end caps are also available from stock in charcoal.

Profile 1
Internal bend

code	description	pack
EIBP1MWH	1 piece	2

Profile 1 internal bends are also available from stock in charcoal.

Profile 1
Internal bend cover ····CAT 7A··

code	pack
EIBD1WH	1

Profile 1 ····CAT 7A··
Internal bend assembly

code	pack
ELIBD1WH	1

Profile 1
External bend

code	description	pack
EXBP1MWH	1 piece	2

Profile 1 external bends are also available from stock in charcoal.

Profile 1 ····CAT 7A··
External bend assembly

code	pack
ELOBD1WH	1

Profile 1
Flat angle –
up/down cover

code	pack
EFA1MWH	1

Profile 1 angle covers are also available from stock in charcoal.

Profile 1
Flat angle –
up/down complete ····CAT 7A··

Now with integral bend radius control

code	pack
EFA1MBWH	1

Profile 1 flat angles are also available from stock in charcoal.

Profile 1
Flat tee cover

code	pack
EFT1MWH	1

Profile 1 tee covers are also available from stock in charcoal.

Profile 1
Flat tee complete ····CAT 7A··

Now with integral bend radius control

code	pack
EFT1MBWH	1

Profile 1 flat tees are also available from stock in charcoal

Profile 2 fittings

Profile 2
Coupler

code	description	pack
ECP2MWH	1 piece	2

Profile 2
End cap

code	description	pack
EECP2MLHWH (left)	1 piece	2
EECP2MRHWH (right)	1 piece	2

Profile 2
Internal bend

code	description	pack
EIBP2MWH	1 piece	2

Profile 2
Internal bend cover ····CAT 7A··

code	pack
EIBD2WH	1

Profile 2 ····CAT 7A··
Internal bend assembly

code	pack
ELIBD2WH	1

Profile 2
External bend

code	description	pack
EXBP2MWH	1 piece	2

Profile 2 ····CAT 7A··
External bend assembly

code	pack
ELOBD2WH	1

Profile 2
Flat angle – upward

code	pack
EFA2UWH	1
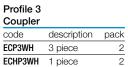
Profile 2 fittings

Profile 2
Flat angle – downward

code	pack
EFA2DWH	1

Sterling Profile 2 flat tees

Sterling Profile 2 flat tees use an angled cover for the upwards cover and tee. Downward tees use a square cover.

Profile 3 fittings

Profile 3
Coupler

code	description	pack
ECP3WH	3 piece	2
ECHP3WH	1 piece	2

Profile 3
End cap

code	description	pack
EECP3WH	3 piece	2
EECHP3WH	1 piece	2

Universal for both LH & RH

Profile 3
Internal bend

code	description	pack
EIBP3WH	3 piece	2
EIBHP3WH	1 piece	2

Profile 3
Internal bend cover · CAT 7A ·

code	pack
EIBD3WH	1

Profile 3 · CAT 7A ·
Internal bend assembly

code	pack
ELIBD3WH	1

Profile 3
External bend

code	description	pack
EXBP3WH	3 piece	2
EXBHP3WH	1 piece	2

Profile 3 · CAT 7A ·
External bend assembly

code	pack
ELOBD3WH	1

Profile 3
Flat angle – up/down

code	pack
EFA3WH	1

Profile 3
Flat tee

code	pack
EFT3WH	1

Fittings

Angled mini trunking adaptor MMT2

code	pack
EATA2WH	5

Angled mini trunking adaptor MMT4

code	pack
EATA4WH	5

Square mini trunking adaptor MMT2

code	pack
ESTA2WH	5

Square mini trunking adaptor MMT4

code	pack
ESTA4WH	5

Components

Boxes and plates

Main crossover bridge

code	pack
EMCB1	5

Angled cable retainer

code	pack
EACR1	10

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated **Note:** RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

ESSB1 and ESSB2 are also available from stock in charcoal.

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box CAT 7A

code	depth	pack
EAB1WH	32 – 40mm	10

2 gang adjustable depth box CAT 7A

code	size	pack
EAB2WH	32 – 40mm	5

EAB1 and EAB2 are fully adjustable to 47mm.
Please see page 311 for more information.

1 gang accessory plate CAT 7A

code	pack
ESSP1WH	2

2 gang accessory plate CAT 7A

code	pack
ESSP2WH	2

Segregated flush back box 280 x 150mm Steel

code	depth	pack
ESFBB1	35mm	1

Part M

For boxes that meet the requirements of Part M (DDA) please refer to page 104 of this section.

PVC-U PERIMETER TRUNKING SYSTEMS

p278

Technical Information

Quick reference chart
Sterling Profile 1, 2 and 3

	3 compartment		
	Profile 1 167 x 50mm	**Profile 2** 167 x 50mm	**Profile 3** 167 x 50mm
Base unit Pack 4 x 3m	ETB1M	ETB1M	ETB1M
Main compartment cover Pack 8 x 3m	ETL1WH	ETL1WH	ETL1WH
Angled cover Pack 8 x 3m	2 x ETAC1WH	ETAC1WH	–
Square cover Pack 8 x 3m	–	ETSC1WH	2 x ETSC1WH
Couplers Pack 2 3 piece or 1 piece	ECP1MWH	ECP2MWH	ECP3WH or ECHP3WH
End caps Pack 2 Left or right handed 1 piece	EECP1MWH	EECP2MRHWH EECP2MLHWH	EECP3WH or EECHP3WH
Internal bend Pack 2 3 piece or 1 piece	EIBP1WH or EIBP1MWH	EIBP2MWH	EIBP3WH or EIBHP3WH
Internal bend **assemblies** ⋯CAT 7A⋯ Pack 1	ELIBD1WH	ELIBD2WH	ELIBD3WH
Internal bend **covers only** ⋯CAT 7A⋯ Pack 1	EIBD1WH	EIBD2WH	EIBD3WH
External bends Pack 2 3 piece or 1 piece	EXBP1MWH	EXBP2MWH	EXBP3WH or EXBHP3WH
External bend **assemblies** ⋯CAT 7A⋯ Pack 1	ELOBD1WH	ELOBD2WH	ELOBD3WH
Flat angles up or down Pack 1	EFA1MWH or EFA1MBWH	EFA2UWH EFA2DWH	EFA3WH
Flat tees up or down Pack 1	EFT1MWH or EFT1MBWH	EFT2UWH †	EFT3WH
Flat angles **up or down** ⋯CAT 7A⋯ Pack 1 Slow bend	–	EFA2USBWH EFA2DSBWH	–

† Sterling Profile 2 flat tees

Sterling Profile 2 flat tees use an angled cover for the upwards cover and tee. Downward tees use a square cover.

Quick reference chart
Sterling Profile 1
screened

	3 compartment
	Profile 1 CS13 167 x 50mm

Base unit

Pack	1 x 3m		ETB1MCS13

Main compartment cover

Pack			ETL1WH
Unscreened	8 x 3m		

Angled cover

Pack	1 x 3m		2 x ETAC1CSWH

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist in screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. BS 7671:2008. For data/voice use only.

Screened compartments key to coding

CS13 = screening in compartments 1 and 3

1 gang screened accessory box ····CAT 7A····

code	depth	pack
ESSB1SWH*	30mm	20

2 gang screened adjustable accessory box ····CAT 7A····

code	depth	pack
ESSB2SWH*	30mm	10

*Supplied complete with earth terminal

Steel screening divider

code		pack
ESF1		1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code		pack
ESF2		5

Bonding strap

code		pack
ESBS1		5

Case Study

Historic museum's exhibition challenge solved

When Cambridge University's historic Fitzwilliam Museum required a flexible power delivery system for its temporary exhibition galleries it turned to the MT32 prefabricated modular wiring system.

Previously the museum's in-house facilities team hard wired power cables to plug into floor sockets using extension leads, a costly and time-consuming process. Therefore the museum wanted a flexible power delivery system that also avoided trailing extension leads.
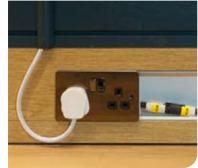
"We looked at a few different plug and play systems but none of them were flush enough to the wall for the display cabinets to be positioned," said Darren Potter, Chief Technician of Facilities at the Fitzwilliam Museum. "When it comes to refurbishing the galleries time is of the essence with no room for error as the opening of pre-publicised exhibitions cannot be postponed."

"We also wanted a simple system in order to adjust the lids to correspond with the plug-in-lengths with ease and in the longer term we hope to save money as well as time."

The museum also required trunking that would be a good match to the light oak floor (the trunking sits on the floor at skirting level within the gallery) and would meet Historic England approval as the building and its galleries are Grade 1 listed.

"We chose Sterling Profile 3 in Light Oak as it had square edges, making it easier for us to fit the trunking flush into the skirting void behind the wall," said Darren.

Sterling Curve Profile 1 and 2 are stylish curved perimeter dado and skirting systems that are easy and cost effective to use. Sterling Curve is a sleek data compliant medium sized trunking system with three segregated compartments. The adaptable system has 1 or 2 curved data compartments designed to stop clutter, avoid dust traps and to make cleaning easy.

COMPLIANT UP TO CAT 7A

BIO TRUNKING
ANTIMICROBIAL

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

'Bio option' available to special order
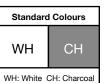
Product information
- 167 x 50mm
- 3 segregated compartments
- Suitable for dado and skirting application
- Boxes available to comply with Part M (DDA)
- Comprehensive range of flush power and data accessories
- Single piece moulded fittings
- Flat Tees and Flat Angles have integral bend radius control
- Profile 1 is available in charcoal as standard

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Compartment can be screened to assist against EMI with no reduction in cable capacity (refer to p103)
- Adjustable data box 32-40mm
- Screened data boxes
- Steel screening divider available

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Standard Colours

WH	CH

WH: White CH: Charcoal

Colour options: Charcoal solid colour option is available as standard item for selected Profile 1 fittings. Please indicate when ordering by replacing the WH colour code suffix with CH for charcoal.

Trunking profiles

Curve Profile 1 trunking assembly

code	size	pack
CEP1MWH	167 x 50mm	1 x 3m

Curve Profile 2 trunking assembly

code	size	pack
CEP2MWH	167 x 50mm	1 x 3m

Basic components

Base unit

code	pack
ETB1M	4 x 3m

Main compartment cover

code	pack
ETL1WH	8 x 3m

Curve cover

code	pack
CETC1WH	8 x 3m

Square cover

code	pack
ETSC1WH	8 x 3m

All above covers also available in charcoal

p278 Technical Information

PVC-U PERIMETER TRUNKING SYSTEMS

Curve Profile 1 fittings

**Curve Profile 1
Coupler**

code	pack
CECP1MWH	2

Profile 1 coupler is also available from stock in charcoal

**Curve Profile 1
End cap**

code	pack
CEECP1MWH	2

Profile 1 end cap is also available from stock in charcoal

**Curve Profile 1
Internal bend**

code	pack
CEIBP1MWH	2

Profile 1 internal bend is also available from stock in charcoal

**Curve Profile 1
External bend**

code	pack
CEXBP1MWH	2

Profile 1 external bend is also available from stock in charcoal

**Curve Profile 1
Flat angle cover**

code	pack
CEFA1MWH	1

Profile 1 flat angle cover is also available from stock in charcoal

Curve Profile 1 ···CAT 7A···
Flat angle complete

code	pack
CEFA1MBWH	1

Profile 1 flat angle complete is also available from stock in charcoal

**Curve Profile 1
Flat tee cover**

code	pack
CEFT1MWH	1

Curve Profile 1 ···CAT 7A···
Flat tee complete

code	pack
CEFT1MBWH	1

Profile 1 flat tee complete is also available from stock in charcoal

Curve Profile 2 fittings

**Curve Profile 2
Coupler**

code	pack
CECP2MWH	2

**Curve Profile 2
End cap**

code	pack
CEECP2MRHWH (right)	2
CEECP2MLHWH (left)	2

**Curve Profile 2
Internal bend**

code	pack
CEIBP2MWH	2

**Curve Profile 2
External bend**

code	pack
CEXBP2MWH	2

**Curve Profile 2
Flat angle up cover**

code	pack
CEFA2UMWH	1

Curve Profile 2 ···CAT 7A···
Flat angle up complete

code	pack
CEFA2UMBWH	1

**Curve Profile 2
Flat tee cover**
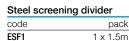
code	pack
CEFT2MWH	1

Curve Profile 2 ···CAT 7A···
Flat tee complete

code	pack
CEFT2MBWH	1

PVC-U PERIMETER TRUNKING SYSTEMS

Steel screening divider

code	pack
ESF1	1 x 1.5m

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Main crossover bridge

code	pack
EMCB1	5

Angled cable retainer
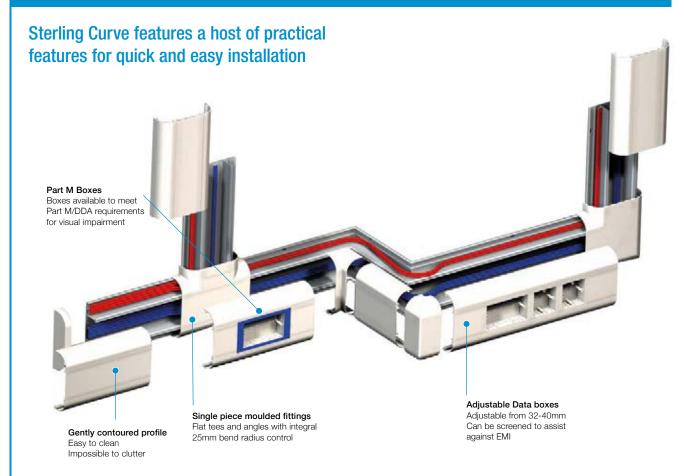
code	pack
EACR1	10

Sterling Curve Trunking

Sterling Curve features a host of practical features for quick and easy installation

Part M Boxes
Boxes available to meet
Part M/DDA requirements
for visual impairment

Gently contoured profile
Easy to clean
Impossible to clutter

Single piece moulded fittings
Flat tees and angles with integral
25mm bend radius control

Adjustable Data boxes
Adjustable from 32-40mm
Can be screened to assist
against EMI

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable ···CAT 7A··
depth box

code	depth	pack
EAB1WH	32 – 40mm	10

2 gang adjustable ···CAT 7A··
depth box

code	size	pack
EAB2WH	32 – 40mm	5

1 gang accessory ···CAT 7A··
plate

code	pack
ESSP1WH	2

2 gang accessory ···CAT 7A··
plate

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm.
Please see page 311 for more information.

Segregated flush back box 280 x 150mm Steel

code	depth	pack
ESFBB1	35mm	1

Technical Information

Sterling Curve Bio

BIO ANTIMICROBIAL TRUNKING

Sterling Curve Profile 1 trunking is available as standard with Bio antimicrobial protection within the PVC-U material.

Sterling Curve Bio trunking component chart

	Main compartment cover	Curve cover	Coupler	End cap	Internal bend	External bend	Flat angle complete ···CAT 7A··
Sterling Curve Profile 1 167 x 50mm	ETL1BIOWH Pack 8 x 3m	CETC1BIOWH Pack 8 x 3m	CECP1MBIOWH Pack 2	CEECP1MBIOWH Pack 2	CEIBP1MBIOWH Pack 2	CEXBP1MBIOWH Pack 2	CEFA1MBBIOWH Pack 1

	Flat tee complete ···CAT 7A··	1 gang accessory box	2 gang accessory box	1 gang accessory box blue	1 gang accessory box charcoal	2 gang accessory box blue	2 gang accessory box charcoal
	CEFT1MBBIOWH Pack 1	ESSB1BIOWH Pack 20	ESSB2BIOWH Pack 10	ESPM1BIOBU Pack 1	ESPM1BIOCH Pack 1	ESPM2BIOBU Pack 1	ESPM2BIOCH Pack 1

Quick reference chart
Sterling Curve

		3 compartment	
		Profile 1 167 x 50mm	**Profile 2** 167 x 50mm
Base unit Pack 4 x 3m		ETB1M	ETB1M
Main compartment cover Pack 8 x 3m		ETL1WH	ETL1WH
Curve cover Pack 8 x 3m		2 xCETC1WH	CETC1WH
Square cover Pack 8 x 3m		–	ETSC1WH
Couplers Pack 5		CECP1MWH	CECP2MWH
End caps Pack 5		CEECP1MWH	CEECP2MRHWH CEECP2MLHWH
Internal bend Pack 5		CEIBP1MWH	CEIBP2MWH
External bends Pack 5		CEXBP1MWH	CEXBP2MWH
Flat angle cover Pack 1		CEFA1MWH	–
Flat angle complete Pack 1		CEFA1MBWH	–
Flat angle up cover Pack 1		–	CEFA2UMWH
Flat angle up complete Pack 1		–	CEFA2UMBWH
Flat tee cover Pack 1		CEFT1MWH	CEFT2MWH
Flat tee complete Pack 1		CEFT1MBWH	CEFT2MBWH

Sterling Curve screened component chart

3 compartment
Profile 1 CS13 167 x 50mm

Base unit screened Pack　　　　　1 x 3m		ETB1MCS13
Main compartment cover Pack Unscreened　　　　8 x 3m		ETL1WH
Curve cover screened Pack　　　　　8 x 3m		CETC1CSMWH

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist in screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. BS 7671:2008. For data/voice use only.

Screened compartments key to coding

CS13 = screening in compartments 1 and 3

1 gang screened accessory box　　CAT 7A

code	depth	pack
ESSB1SWH*	30mm	20

2 gang screened adjustable accessory box　CAT 7A

code	depth	pack
ESSB2SWH*	30mm	10

*Supplied complete with earth terminal

Steel screening divider

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

PVC-U PERIMETER TRUNKING SYSTEMS

p278

Technical Information

Sterling Profile systems 4 to 13 are perimeter dado and skirting trunking systems that provide increased cable capacity with large multi compartments that can be subdivided to carry a greater range of services.

COMPLIANT UP TO CAT 7A

BIO ANTIMICROBIAL TRUNKING

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

'Bio option' available to special order

Product information

- Profile 4 and 5 = 218 x 50mm
- Profile 11, 12 and 13 = 255 x 50mm
- Profile 6 = 269 x 50mm
- 3 and 4 large, segregated compartments
- Can be subdivided
- Suitable for dado and skirting application
- Can be fed from larger trunking systems for increased cable distribution
- Boxes available to comply with Part M (DDA)
- Comprehensive range of flush power and data accessories
- Improved design to base unit to give greater cable capacity

Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Adjustable data box 32-40mm
- Screened data boxes
- Steel screening divider available

Three and four larger compartments for extra cable capacity

Separate covers for each compartment

Can be subdivided

Standard Colour
WH
WH: White

See page 140 for quick reference chart

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Trunking profiles

Sterling Profile 4
size
218 x 50mm

Sterling Profile 5
size
218 x 50mm

Sterling Profile 6
size
269 x 50mm

Sterling Profile 11
size
255 x 50mm

Sterling Profile 12
size
255 x 50mm

Sterling Profile 13
size
255 x 50mm

Basic components

Base unit	
code	pack
ETB1M	4 x 3m

Base extension	
code	pack
EBE1WH	4 x 3m

Extendable base	
code	pack
EEB1	4 x 3m

p278 **Technical Information**

PVC-U PERIMETER TRUNKING SYSTEMS

Basic components

Main compartment cover

code	pack
ETL1WH	8 x 3m

Angled cover

code	pack
ETAC1WH	8 x 3m

Square cover

code	pack
ETSC1WH	8 x 3m

Profile 4 fittings

Profile 4 Coupler

code	pack
ECP4WH	5

Profile 4 End cap

code	pack
EECP4LHWH	5
EECP4RHWH	5

Profile 4 Internal bend

code	pack
EIBP4WH	5

Profile 4 Internal bend cover •CAT 7A•

code	pack
EIBD4WH	1

Profile 4 Internal bend assemblies •CAT 7A•

code	pack
ELIBD4WH	1

Profile 4 External bend

code	pack
EXBP4WH	5

Profile 4 External bend assemblies •CAT 7A•

code	pack
ELOBD4WH	1

Profile 4 Flat angle – up

code	pack
EFA4UWH	1

Profile 4 Flat angle – down

code	pack
EFA4DWH	1

Profile 5 fittings

Profile 5 Coupler

code	pack
ECP5WH	5

Profile 5 End cap

code	pack
EECP5LHWH	5
EECP5RHWH	5

Profile 5 Internal bend

code	pack
EIBP5WH	5

Profile 5 Internal bend cover •CAT 7A•

code	pack
EIBD5WH	1

PVC-U PERIMETER TRUNKING SYSTEMS

Profile 5 fittings

PVC-U PERIMETER TRUNKING SYSTEMS

Profile 5 CAT 7A Internal bend assemblies		Profile 5 External bend		Profile 5 CAT 7A External bend assemblies		Profile 5 Flat angle – up	
code	pack	code	pack	code	pack	code	pack
ELIBD5WH	1	EXBP5WH	5	ELOBD5WH	1	EFA5UWH	1
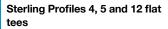
Profile 5 Flat angle – down	
code	pack
EFA5DWH	1

Sterling Profiles 4, 5 and 12 flat tees

Flat tees for Sterling Profiles 4, 5 and 12 are not evenly handed and Marshall-Tufflex recommends that ordering of flat tees for these profiles is done with the advice of the Technical Team on +44 (0)1424 856688.

Profile 6 fittings

Profile 6 Coupler		Profile 6 End cap		Profile 6 Internal bend		Profile 6 CAT 7A Internal bend cover	
code	pack	code	pack	code	pack	code	pack
ECP6WH	5	EECP6WH	5	EIBP6WH	5	EIBD6WH	1
		Universal for both LH & RH					

Profile 6 CAT 7A Internal bend assemblies		Profile 6 External bend		Profile 6 CAT 7A External bend assemblies		Profile 6 Flat angle – up/down	
code	pack	code	pack	code	pack	code	pack
ELIBD6WH	1	EXBP6WH	5	ELOBD6WH	1	EFA6WH	1

Profile 6 Flat tee – up/down	
code	pack
EFT6WH	1

Profile 11
Coupler

code	pack
ECP11WH	5

Profile 11
End cap

code	pack
EECP11WH	5

Universal for both LH & RH

Profile 11
Internal bend

code	pack
EIBP11WH	5

Profile 11 CAT 7A
Internal bend cover

code	pack
EIBD11WH	1

Profile 11 CAT 7A
Internal bend assemblies

code	pack
ELIBD11WH	1

Profile 11
External bend

code	pack
EXBP11WH	5

Profile 11 CAT 7A
External bend assemblies

code	pack
ELOBD11WH	1

Profile 11
Flat angle – up/down

code	pack
EFA11WH	1

Profile 11
Flat tee – up/down

code	pack
EFT11WH	1

Profile 12
Coupler

code	pack
ECP12WH	5

Profile 12
End cap

code	pack
EECP12LHWH	5
EECP12RHWH	5

Profile 12
Internal bend

code	pack
EIBP12WH	5

Profile 12 CAT 7A
Internal bend cover

code	pack
EIBD12WH	1

Profile 12 CAT 7A
Internal bend assemblies

code	pack
ELIBD12WH	1

Profile 12
External bend

code	pack
EXBP12WH	5

Profile 12 CAT 7A
External bend assemblies

code	pack
ELOBD12WH	1

PVC-U PERIMETER TRUNKING SYSTEMS

p278
Technical
Information

Profile 12 fittings

Profile 13 fittings

PVC-U PERIMETER TRUNKING SYSTEMS

Fittings

**Profile 12
Flat angle – up**

code	pack
EFA12UWH	1

**Profile 12
Flat angle – down**

code	pack
EFA12DWH	1

Sterling Profiles 4, 5 and 12 flat tees

Flat tees for Sterling Profiles 4, 5 and 12 are not evenly handed and Marshall-Tufflex recommends that ordering of flat tees for these profiles is done with the advice of the Technical Team on +44 (0)1424 856688.

**Profile 13
Coupler**

code	pack
ECP13WH	5

**Profile 13
End cap**

code	pack
EECP13WH	5

Universal for both LH & RH

**Profile 13
Internal bend**

code	pack
EIBP13WH	5

**Profile 13
Internal bend cover** ·CAT 7A·

code	pack
EIBD13WH	1

**Profile 13
Internal bend assemblies** ·CAT 7A·

code	pack
ELIBD13WH	1

**Profile 13
External bend**

code	pack
EXBP13WH	5

**Profile 13
External bend assemblies** ·CAT 7A·

code	pack
ELIBD13WH	1

**Profile 13
Flat angle – up/down**

code	pack
EFA13WH	1

**Profile 13
Flat tee – up/down**

code	pack
EFT13WH	1

Angled mini trunking adaptor MMT2

code	pack
EATA2WH	5

Angled mini trunking adaptor MMT4

code	pack
EATA4WH	5

Square mini trunking adaptor MMT2

code	pack
ESTA2WH	5

Square mini trunking adaptor MMT4

code	pack
ESTA4WH	5

Components

Dividing fillet

code	pack
EDF1	8 x 3m

Dividing tray

code	pack
EDF2	8 x 3m

Steel screening divider

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Main crossover bridge

code	pack
EMCB1	5

Angled cable retainer

code	pack
EACR1	10

Main cable retainer

code	pack
EMCR1	10

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ·CAT 7A·

code	depth	pack
EAB1WH	32 – 40mm	10

2 gang adjustable depth box ·CAT 7A·

code	size	pack
EAB2WH	32 – 40mm	5

1 gang accessory plate ·CAT 7A·

code	pack
ESSP1WH	2

2 gang accessory plate ·CAT 7A·

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm. Please see page 311 for more information.

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Technical Information

PVC-U PERIMETER TRUNKING SYSTEMS

PVC-U PERIMETER TRUNKING SYSTEMS

Quick reference chart
Sterling Profile 4 to 13

		3 compartment			4 compartment		
		Profile 4 218 x 50mm	**Profile 5** 218 x 50mm	**Profile 6** 269 x 50mm	**Profile 11** 255 x 50mm	**Profile 12** 255 x 50mm	**Profile 13** 255 x 50mm
Base unit Pack 4 x 3m		ETB1M	ETB1M	ETB1M	ETB1M	ETB1M	ETB1M
Base extension Pack 4 x 3m		EBE1WH	EBE1WH	2 x EBE1WH	–	–	–
Extendable base Pack 4 x 3m		–	–	–	EEB1	EEB1	EEB1
Main compartment cover Pack 8 x 3m		2 x ETL1WH	2 x ETL1WH	3 x ETL1WH	2 x ETL1WH	2 x ETL1WH	2 x ETL1WH
Angled cover Pack 8 x 3m		ETAC1WH	–	–	2 x ETAC1WH	ETAC1WH	–
Square cover Pack 8 x 3m		–	ETSC1WH	–	–	ETSC1WH	2 x ETSC1WH
Couplers Pack 5		ECP4WH	ECP5WH	ECP6WH	ECP11WH	ECP12WH	ECP13WH
End caps Pack 5 Left or right handed		EECP4LHWH EECP4RHWH	EECP5LHWH EECP5RHWH	EECP6WH	EECP11WH	EECP12LHWH or EECP12RHWH	EECP13WH
Internal bend Pack 5		EIBP4WH	EIBP5WH	EIBP6WH	EIBP11WH	EIBP12WH	EIBP13WH
Internal bend assemblies ·CAT 7A· Pack 1		ELIBD4WH	ELIBD5WH	ELIBD6WH	ELIBD11WH	ELIBD12WH	ELIBD13WH
Internal bend covers only ·CAT 7A· Pack 1		EIBD4WH	EIBD5WH	EIBD6WH	EIBD11WH	EIBD12WH	EIBD13WH
External bends Pack 5		EXBP4WH	EXBP5WH	EXBP6WH	EXBP11WH	EXBP12WH	EXBP13WH
External bend assemblies ·CAT 7A· Pack 1		ELOBD4WH	ELOBD5WH	ELOBD6WH	ELOBD11WH	ELOBD12WH	ELOBD13WH
Flat angles up or down Pack 1		EFA4UWH EFA4DWH	EFA5UWH EFA5DWH	EFA6WH	EFA11WH	EFA12UWH EFA12DWH	EFA13WH
Flat tees up or down Pack 1		†	†	EFT6WH	EFT11WH	†	EFT13WH

† Flat tees

For more information on the specification and screening of these Flat Tees, we would advise you to contact our Technical Team on +44 (0)1424 856688.

XL Trunking sizes 201 to 203 comprise a range of deep, large capacity 3 compartment, segregated containment systems. These systems can accommodate integral lighting units.

Product information

- 220 x 65mm
- 1 full and 2 half size compartments
- XL 201 for dado installation only
- 3 deep segregated compartments
- Can be subdivided
- Suitable for dado and skirting application
- Can be fed from larger trunking systems for increased cable distribution
- Boxes available to comply with Part M (DDA)
- Comprehensive range of flush power and data accessories

Data information

- Compliant up to Cat 7a*
- Adjustable data box 32-47mm
- Screened data boxes
- Steel screening divider available

See page 144 for quick reference chart

COMPLIANT UP TO CAT 7A

ANTIMICROBIAL BIO TRUNKING

PREFABRICATED PAGE 105 MODULAR WIRING

EMI PROTECTION

'Bio option' available to special order

Dividing fillet option for centre compartment

Three separate covers

Three deep compartments for extra cable capacity

Standard Colour
WH
WH: White

Colour options: Optional colours and finishes are available but these may be subject to setup charges, minimum order quantity orders and longer lead times. For more information contact the Technical Team on +44 (0)1424 856688.

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

*Data fittings

For made to order fittings to meet Cat 7a requirements please contact our Technical Team on +44 (0)1424 856688

Trunking profiles

XL 201
size
220 x 65mm

XL 202
size
220 x 65mm

XL 203
size
220 x 65mm

Basic components

Base unit
code	pack
ELTB200	4 x 3m

Main compartment cover
code	pack
ETL1WH	8 x 3m

Angled cover
code	pack
ELAC200WH	8 x 3m

Square cover
code	pack
ELSC200WH	8 x 3m

PVC-U PERIMETER TRUNKING SYSTEMS

p286

Technical Information

PVC-U PERIMETER TRUNKING SYSTEMS

XL 201 fittings

XL 201
Coupler

code	pack
EC201WH	5

XL 201
End cap

code	pack
EEC201WH	5

Universal for both LH & RH

XL 201
Internal bend

code	pack
EIB201WH	5

XL 201
External bend

code	pack
EXB201WH	5

XL 201
Flat angle – up/down

code	pack
EFA201WH	1

XL 201
Flat tee – up/down

code	pack
EFT201WH	1

XL 202 fittings

XL 202
Coupler

code	pack
EC202WH	5

XL 202
End cap

code	pack
EEC202LHWH (Left hand)	5
EEC202RHWH (Right hand)	5

XL 202
Internal bend

code	pack
EIB202WH	5

XL 202
External bend

code	pack
EXB202WH	5

XL 202
Flat angle – upward

code	pack
EFA202UWH	1

XL 202
Flat angle – downward

code	pack
EFA202DWH	1

XL 203 fittings

XL 203
Coupler

code	pack
EC203WH	5

XL 203
End cap

code	pack
EEC203WH	5

Universal for both LH & RH

XL 203
Internal bend

code	pack
EIB203WH	5

XL 203
External bend

code	pack
EXB203WH	5

XL 203 fittings

**XL 203
Flat angle – up/down**

code	pack
EFA203WH	1

**XL 203
Flat tee - up/down**

code	pack
EFT203WH	1

Components

Dividing fillet

code	pack
ELDF200	8 x 3m

Steel screening divider

code	pack
ESF200	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ⋅CAT 7A⋅

code	depth	pack
EAB1WH	32 – 47mm	10

2 gang adjustable depth box ⋅CAT 7A⋅

code	size	pack
EAB2WH	32 – 47mm	5

1 gang accessory plate ⋅CAT 7A⋅

code	pack
ESSP1WH	2

2 gang accessory plate ⋅CAT 7A⋅

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm. Please see page 311 for more information.

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

PVC-U PERIMETER TRUNKING SYSTEMS

p286
Technical Information

Quick reference chart
XL Trunking 201 to 203

		3 Compartment		
		XL 201 220 x 65mm	**XL 202** 220 x 65mm	**XL 203** 220 x 65mm
Base unit Pack 4 x 3m		ELTB200	ELTB200	ELTB200
Main compartment cover Pack 8 x 3m		ETL1WH	ETL1WH	ETL1WH
Angled cover Pack 8 x 3m		2 x ELAC200WH	ELAC200WH	–
Square cover Pack 8 x 3m		–	ELSC200WH	2 x ELSC200WH
Couplers Pack 5		EC201WH	EC202WH	EC203WH
End caps Pack 5 left or right hand		EEC201WH	EEC202LHWH EEC202RHWH	EEC203WH
Internal bends Pack 5		EIB201WH	EIB202WH	EIB203WH
External bends Pack 5		EXB201WH	EXB202WH	EXB203WH
Flat angles Pack 1 upward or downward		EFA201WH	EFA202UWH EFA202DWH	EFA203WH
Flat tees Pack 1 † please refer to Flat Tee information		EFT201WH	†	EFT203WH

† XL 202 trunking flat tees

Where profiles have one angled cover and one square cover, as with XL 202, it is possible to create a tee by changing the top or bottom cover so that covers to match the profile of the trunking. For example:

- Upward tee – select XL 201 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 203 tee remove the square top cover and replace with angled cover.

XL Trunking sizes 211 to 213 comprises a range of deep, large capacity, 4-compartment, segregated containment systems with facilities for adding further full-size segregated compartments. This system can accommodate integral lighting units.

COMPLIANT UP TO CAT 7A · BIO ANTIMICROBIAL TRUNKING · PAGE 105 PREFABRICATED MODULAR WIRING · EMI PROTECTION · BIM BUILDING INFORMATION MODELLING

'Bio option' available to special order

Product information
- 308 x 65mm
- 2 full and 2 half size compartments
- 4 deep segregated compartments
- Can be subdivided
- Suitable for dado and skirting application
- Can be fed from larger trunking systems for increased cable distribution
- Boxes available to comply with Part M (DDA)
- Comprehensive range of flush power and data accessories

Data information
- Compliant up to Cat 7a*
- Adjustable data box 32-47mm
- Screened data boxes
- Steel screening divider available

See page 148 for quick reference chart

Standard Colour
WH
WH: White

Dividing fillet option for centre compartments

Four separate covers

Four deep compartments for extra cable capacity

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

*Data fittings

For made to order fittings to meet Cat 7a requirements please contact our Technical Team on +44 (0)1424 856688

PVC-U PERIMETER TRUNKING SYSTEMS

Trunking profiles

XL 211 — size — 308 x 65mm

XL 212 — size — 308 x 65mm

XL 213 — size — 308 x 65mm

Basic components

Base unit
code	pack
ELTB200	4 x 3m

Extendable base
code	pack
ELEB200	4 x 3m

Main compartment cover
code	pack
ETL1WH	8 x 3m

Angled cover
code	pack
ELAC200WH	8 x 3m

Square cover
code	pack
ELSC200WH	8 x 3m

p286 Technical Information

XL 211 fittings

XL 211
Coupler

code	pack
EC211WH	5
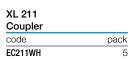
XL 211
End cap

code	pack
EEC211WH	5

Universal for both LH & RH

XL 211
Internal bend

code	pack
EIB211WH	5

XL 211
External bend

code	pack
EXB211WH	5

XL 211
Flat angle – up/down

code	pack
EFA211WH	1

XL 211
Flat tee – up/down

code	pack
EFT211WH	1

XL 212 fittings

XL 212
Coupler

code	pack
EC212WH	5

XL 212
End cap

code	pack
EEC212LHWH (Left hand)	5
EEC212RHWH (Right hand)	5

XL 212
Internal bend

code	pack
EIB212WH	5

XL 212
External bend

code	pack
EXB212WH	5

XL 212
Flat angle – upward

code	pack
EFA212UWH	1

XL 212
Flat angle – downward

code	pack
EFA212DWH	1

† XL 212 trunking flat tees

Where profiles have one angled cover and one square cover, as with XL 212, it is possible to create a tee by changing the top or bottom cover to match the profile of the trunking.
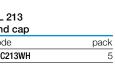For example:

- Upward tee – select XL 211 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 213 tee remove the square top cover and replace with angled cover.

XL 213 fittings

XL 213
Coupler

code	pack
EC213WH	5

XL 213
End cap

code	pack
EEC213WH	5

Universal for both LH & RH

XL 213
Internal bend

code	pack
EIB213WH	5

XL 213
External bend

code	pack
EXB213WH	5

XL 213 fittings

XL 213
Flat angle – up/down

code	pack
EFA213WH	1

XL 213
Flat tee – up/down

code	pack
EFT213WH	1

Fittings

Dividing fillet

code	pack
ELDF200	8 x 3m

Steel screening divider

code	pack
ESF200	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ···CAT 7A···

code	depth	pack
EAB1WH	32 – 47mm	10

2 gang adjustable depth box ···CAT 7A···

code	depth	pack
EAB2WH	32 – 47mm	5

1 gang accessory plate ···CAT 7A···

code	pack
ESSP1WH	2

2 gang accessory plate ···CAT 7A···

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm.
Please see page 311 for more information.

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

PVC-U PERIMETER TRUNKING SYSTEMS

p286
Technical Information

Quick reference chart
XL 211 to 213

		4 Compartment		
		XL 211 308 x 65mm	**XL 212** 308 x 65mm	**XL 213** 308 x 65mm
Base unit Pack — 4 x 3m		ELTB200	ELTB200	ELTB200
Extendable base Pack — 4 x 3m		ELEB200	ELEB200	ELEB200
Main compartment cover Pack — 8 x 3m		2 x ETL1WH	2 x ETL1WH	2 x ETL1WH
Angled cover Pack — 8 x 3m		2 x ELAC200WH	ELAC200WH	–
Square cover Pack — 8 x 3m		–	ELSC200WH	2 x ELSC200WH
Couplers Pack — 5		EC211WH	EC212WH	EC213WH
End caps Pack — 5 left or right hand		EEC211WH	EEC211LHWH EEC211RHWH	EEC213WH
Internal bends Pack — 5		EIB211WH	EIB212WH	EIB213WH
External bends Pack — 5		EXB211WH	EXB212WH	EXB213WH
Flat angles Pack — 1 upward or downward		EFA211WH	EFA212UWH EFA212DWH	EFA213WH
Flat tees Pack — 1 † Please refer to Flat Angle and Flat Tee information		EFT211WH	†	EFT213WH

Larger systems

Additional 88mm compartments can be added for larger capacity installations. For further information about larger systems please call our Technical Team on +44 (0)1424 856688.

† XL 212 trunking flat tees

Where profiles have one angled cover and one square cover, as with XL 212, it is possible to create a tee by changing the top or bottom cover to match the profile of the trunking.

For example:

- Upward tee – select XL 211 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 213 tee remove the square top cover and replace with angled cover.

Twin165 trunking is a mid-size, two-compartment system, designed as a compact variation of Twin Plus. Twin165 offers high capacity for up to Cat 7a data cabling for specification in commercial, industrial and educational environments.

COMPLIANT UP TO CAT 7A

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

Product information
- 160 x 65mm
- 2 compartment trunking with 60/40 split
- Separate cover access to each compartment
- Suitable for dado application
- Adjustable bends allow between 85° and 95° to accommodate building tolerances

Data information
- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
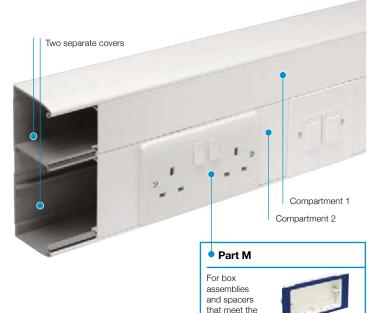- Adjustable data box 32-47mm
- Steel screening divider

Standard Colour
WH
WH: White

Two separate covers

Compartment 1

Compartment 2

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Basic components

Base unit		Cover small (Comp 1)		Cover large (Comp 2)	
code	pack	code	pack	code	pack
AY1120WH	4 x 3m	AY1130WH	8 x 3m	ETL1WH	8 x 3m

Twin165 fittings

Compartment 1 is the smaller compartment.

Compartment 2 is the larger compartment.

When ordering end caps, flat angles and tees, please take care to ascertain which compartment is to be installed uppermost to ensure you receive the correct fittings.

Fittings

Coupler		End cap LH (Comp 1 top) End cap RH (Comp 2 top)		End cap RH (Comp 1 top) End cap LH (Comp 2 top)		Internal bend adjustable **CAT 7A**	
code	pack	code	pack	code	pack	code	pack
AY1210WH	1	AY1220WH	1	AY1230WH	1	AY1240WH	1

External bend adjustable **CAT 7A**	
code	pack
AY1250WH	1

p282

Technical Information

Fittings

Flat angle up (comp 1 top)
Flat angle down (comp 2 top)

code	pack
AY1310WH	1

Flat angle down (comp 1 top)
Flat angle up (comp 2 top)

code	pack
AY1320WH	1

Flat tee up (comp 1 top)
Flat tee down (comp 2 top)

code	pack
AY1330WH	1

Flat tee down (comp 1 top)
Flat tee up (comp 2 top)

code	pack
AY1350WH	1

Components

Steel screening divider

code	pack
ESF200	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Boxes and plates

*RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ···•CAT 7A•

code	depth	pack
EAB1WH	32 – 47mm	10

EAB1 is fully adjustable to 47mm. Please see page 311 for more information.

2 gang adjustable depth box ···•CAT 7A•

code	depth	pack
EAB2WH	32 – 47mm	5

EAB2 is fully adjustable to 47mm. Please see page 311 for more information.

1 gang accessory plate ···•CAT 7A•

code	pack
ESSP1WH	2

2 gang accessory plate ···•CAT 7A•

code	pack
ESSP2WH	2

Segregated flush back box 280 x 150mm Steel

code	depth	pack
ESFBB1	35mm	1

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Twin Plus is a large, segregated, two-compartment skirting and dado trunking system that provides high capacity cable containment for most commercial environments.

COMPLIANT UP TO CAT 7A

BIO ANTIMICROBIAL TRUNKING

'Bio option' available to special order

PAGE 105 PREFABRICATED MODULAR WIRING

EMI PROTECTION

BIM BUILDING INFORMATION MODELLING

Product information
- 210 x 57mm
- 2 large segregated compartments
- Can be subdivided
- Separate cover access to each compartment
- Suitable for skirting and dado application

Data information
- Compliant up to Cat 7a
- 50mm bend radius fittings
- Adjustable data box 32-47mm
- Screened divider and data boxes

Two separate covers

Two large segregated compartments

Standard Colour
WH
WH: White

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104.

Basic components

Base unit

code	pack
EMT60WH	2 x 3m

Cover

code	pack
ETL1WH	8 x 3m

Fittings

Coupler

code	pack
EC60WH	1

End cap

code	pack
EEC60WH	1

Internal bend cover CAT 7A

code	pack
EIBC60WH	1

For additional retention use end cap retaining screws G1310 (Pack 40)

Internal bend assembly CAT 7A

code	pack
EIB60WH	1

External bend cover

code	pack
ESXBC60WH	1

External bend assembly - standard CAT 7A

code	pack
ESXB60WH	1

Capacity reduced by 50%

p284

Technical Information

PVC-U PERIMETER TRUNKING SYSTEMS

PVC-U PERIMETER TRUNKING SYSTEMS

Fittings

External bend assembly - large ···CAT 7A···

code	pack
EXB60WH	1

Flat angle assembly ···CAT 7A···

code	pack
EFA60WH	1

Flat tee assembly ···CAT 7A···

code	pack
EFT60WH	1

Note: 135° versions are also available. For more information call the Technical Team on +44 (0)1424 856688

Components

Dividing fillet – PVC-U

code	pack
LDF1	8 x 3m

Steel screening divider

code	pack
ESF60	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

Steel screening divider bonding strap

code	pack
ESF2	5

Bonding strap

code	pack
ESBS1	5

Boxes and plates

*RCD/MCD housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated
Note: RCDs are not supplied by Marshall-Tufflex

1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20

2 gang accessory box

code	depth	pack
ESSB2WH	30mm	10

Accessory box spacer

code	size	pack
ES1WH	14mm	4

For use between accessory boxes

1 gang adjustable depth box ···CAT 7A···

code	depth	pack
EAB1WH	32 – 47mm	10

2 gang adjustable depth box ···CAT 7A···

code	depth	pack
EAB2WH	32 – 47mm	5

1 gang accessory plate ···CAT 7A···

code	pack
ESSP1WH	2

2 gang accessory plate ···CAT 7A···

code	pack
ESSP2WH	2

EAB1 and EAB2 are fully adjustable to 47mm.
Please see page 311 for more information.

Part M

For assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 104 of this section.

Twin Plus screened component chart

Base unit

Cover - screened

pack	1 x 3m

Cover - unscreened

pack	8 x 3m

2 compartment

Twin Plus screening in compartment 1 210 x 57mm	Twin Plus screening in compartment 2 210 x 57mm
EMT60CS1WH	EMT60CS1WH
ETL1CSWH	ETL1CSWH
ETL1WH	ETL1WH

Note:

Twin Plus can be installed with either compartment to the top.

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist in screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. BS 7671:2008. For data/voice use only.

1 gang screened accessory box ···CAT 7A··
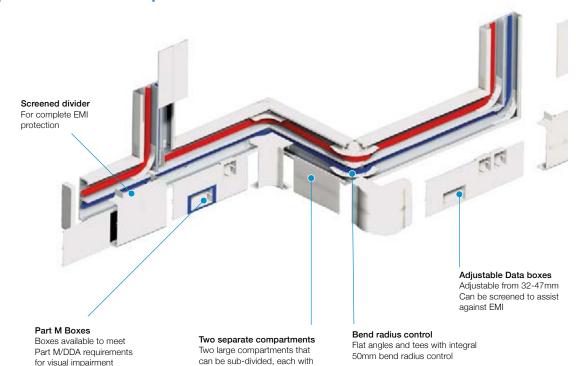
code	depth	pack
ESSB1SWH*	30mm	20

2 gang screened adjustable accessory box ···CAT 7A··

code	depth	pack
ESSB2SWH*	30mm	10

*Supplied complete with earth terminal

Twin Plus

Twin Plus is a high cable capacity trunking system with a variety of practical features for power and data installations

Screened divider
For complete EMI protection

Part M Boxes
Boxes available to meet Part M/DDA requirements for visual impairment

Two separate compartments
Two large compartments that can be sub-divided, each with their own cover

Bend radius control
Flat angles and tees with integral 50mm bend radius control

Adjustable Data boxes
Adjustable from 32-47mm Can be screened to assist against EMI

p284
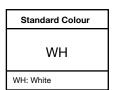**Technical Information**

Series R 130 is an extra deep compact trunking that is economical for installation in the smaller office or workshop.

COMPLIANT UP TO **CAT 7A**

BIM BUILDING INFORMATION MODELLING

Product information

- 130 x 65mm
- Compliant up to Cat 7a
- 1 main compartment
- Can be subdivided into 2 or 3 compartments
- Single cover
- Suitable for dado application and as a feeder trunking
- Extra deep 40mm deep boxes
- Data compliant 25mm and 50mm bend radius

Increased depth for data cabling

Single cover

Standard Colour
WH
WH: White

PVC-U PERIMETER TRUNKING SYSTEMS

Basic components

Trunking assembly (base and cover)

code	pack
RTBD130WH	2 x 3m

Fittings

Coupler

code	pack
RCP130WH	5

End cap

code	pack
RECPD130WH	12

Internal bend

code	pack
RIB130WH	1

External bend

code	pack
REB130WH	1

Flat angle
Fabricated - up/down

code	pack
RFAD130WH	1

Flat tee
Fabricated - up/down

code	pack
RFTD130WH	1

Components

Dividing fillet
For centre compartment

code	pack
ELDF200	8 x 3m

Segregator
For top and bottom compartments

code	pack
RDF1	10 x 3m

Boxes

1 gang accessory box

code	depth	pack
RSSB10WH	40mm	12

2 gang accessory box

code	depth	pack
RSSB20WH	40mm	6

1 gang schuko accessory box

code	depth	pack
RSSBU10WH	40mm	12

p276
Technical Information