

Aluminium trunking systems

www.marshall-tufflex.com

Aluminium cable containment is an excellent choice of material for office areas that need a stylish but mechanically robust trunking and for industrial, workshop and laboratory installation, particularly where a high quality of screening performance is required.



Aluminium trunking systems

The physical properties of aluminium offer the building industry a high quality material that is very suitable for internal cable management distribution. Aluminium is light to handle with a mechanical strength and impact-resistance that is superior to steel. Extruded sections provide attractive profiles and products are finished with a high quality, powder-coat that provides a blemish-resistant surface.

Aluminium perimeter trunking systems provide the specifier, contractor and end-user with elegant, stream-lined containment that offers the practical advantages of inherent LSOH (low smoke zero halogen) and screening properties. Aluminium is an excellent choice for office and educational areas requiring a stylish yet robust trunking system, particularly effective where a high quality of screening performance and security is required.

Marshall-Tufflex offer a wide range of multi-compartment aluminium trunking in different heights, designs, cable capacities and numbers of compartments so whatever the requirements, there will always be a perfect solution with Marshall-Tufflex.

Cable Management...we've got it covered

Standard colour

The standard colour for each Marshall-Tufflex range is shown within each relevant product information section, although silver grey 9006 is our most popular colour option in aluminium trunking.

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.

Material	Standard colour	Colour code suffix	RAL
Aluminium	Silver Grey White	SG WH	9006 9016

Standard Colours	
WH	SG
WH: White SG: Silver Grey	

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

Special colours

To help enhance the style of an installation, different variations of solid colour are sometimes required.

We can provide special colours in a painted solution dependent on your client's preference. All special colour requirements will need to be specified as a RAL colour.

Please note that these colours 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 01424 856688.





Environmental

- Aluminium is naturally found combined in over 270 different minerals, the chief source of which is bauxite ore.
- Its light weight means less strain on supporting structures, easier handling and reduced transport costs.



Recycling and sustainability

- 100% recyclable material.
- Can be recycled many times without loss of quality.
- Recycling facilities are well established.



EMI protection

- (Electromagnetic interference)
- First class EMI screening performance especially at higher frequencies.



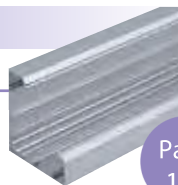
Fire performance

- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LSOH.
- Withstands high temperatures with a melting point of 660.32 °C (1220.58 °F).
- Polycarbonate fittings are fire rated to UL94V0.
- ABS fittings are fire rated to UL94V0.

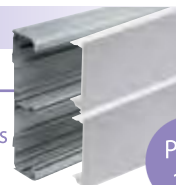
All aluminium systems are available with standard powder coat finishes in white RAL 9016 or silver-grey RAL 9006. For other finishes, please call our Technical Team on 01424 856688.

Bench trunking**105 x 105mm**

Desk and laboratory trunking.

Page
137**Twin Plus****210 x 57mm**

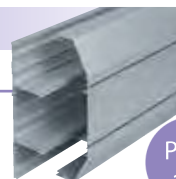
Large capacity dado and skirting trunking with two deep compartments with in-built segregation of power and data.

Page
134**Elegance 110****110 x 55mm**

Dado trunking with a single cover.

Page
118**XL Trunking 301****220 x 65mm**

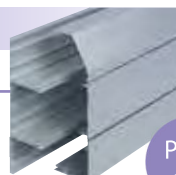
Dado trunking with three deep compartments.

Page
126**Elegance 170****170 x 55mm**

Dado trunking with a single cover.

Page
120**XL Trunking 302****220 x 65mm**

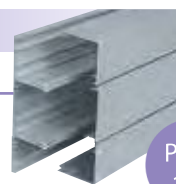
Skirting trunking with three deep compartments

Page
126**Sterling Profile 3001****167 x 50mm**

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

Page
122**XL Trunking 303****220 x 65mm**

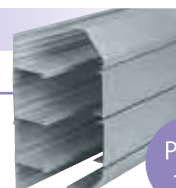
Dado and skirting trunking with three deep compartments

Page
126**Sterling Profile 3002****167 x 50mm**

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

Page
122**XL Trunking 311****308 x 65mm**

Dado trunking with four deep compartments.

Page
130**Sterling Profile 3003****167 x 50mm**

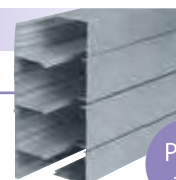
Dado and skirting trunking with three separate compartments and individual covers for each compartment.

Page
122**XL Trunking 312****308 x 65mm**

Skirting trunking with four deep compartments.

Page
130**XL Trunking 313****308 x 65mm**

Dado and skirting trunking with four deep compartments.

Page
130

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

MT32 Prefabricated and modular wiring systems

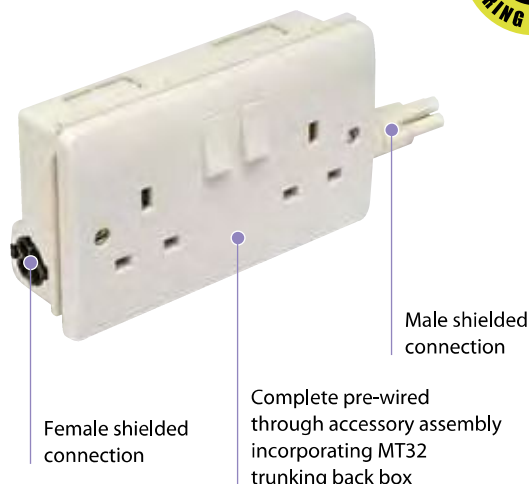
MT32 Prefabricated and modular wiring systems are designed to take all the hard work out of electrical installations by providing the complete pre-wired, pre-tested, plug and play electrical wiring system.

MT32 is a modular plug and play system designed to simplify electrical installation of power within perimeter trunking and underfloor installations. The system provides fast, safe, labour and cost saving installations that comply with BS 8488:2009 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 incorporating the Marshall-Tufflex compact 32Amp connector.

Product information

- 32Amp rated system
- Available as LSOH 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



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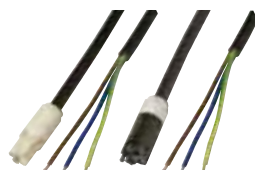
Technical Information

Pre-wired accessories



Extension cable 2.5mm²

code	length	pack
AA3330	0.5m	1
AA3331	1.0m	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

MT32 Connectors

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

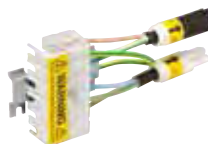
For further information please contact our Technical Team on 01424 856688.



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)	2.5mm ²	1



Pre-wired accessory 2.5mm²

code	size	pack
AA6221	2 gang	1

Elegance 110 aluminium is a small, rectangular, dado trunking system with a single cover. It is particularly useful for workshop or laboratory supply or in a commercial environment where extra mechanical strength is necessary.

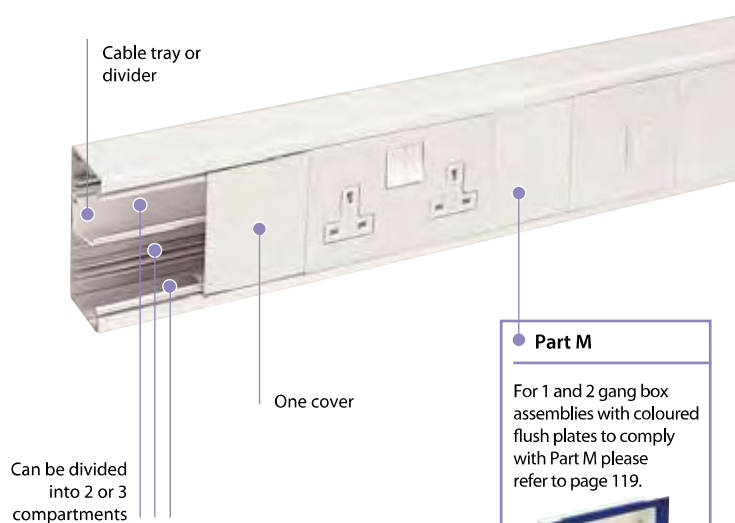
Product information

- 110 x 55mm
- Can be sub-divided into 2 or 3 compartments
- Suitable for dado applications
- Fully compatible with Marshall-Tufflex flush power and data accessories and standard UK wiring power and accessories

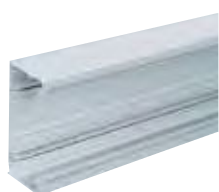
Standard Colours	
WH	SG
WH: White SG: Silver grey	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Colour options: optional colours and finishes are available but these are subject to minimum quantity orders and longer lead times. For more information contact the Technical Team on 01424 856688.



Basic components



Base unit	
code	pack
LTB2SG	1



Main compartment cover	
code	pack
LTL1SG	1

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Technical Information

Fittings



End Caps (Screws included)	
code	pack
LECPSSG	1



Dividing fillet (pre-punched)		
code	length	pack
LP1005	1.45m	1



Dividing fillet		
code	description	pack
LDF1	unscreened	8 x 3m



Internal bend	
code	pack
LIBPSSG	1



External bend	
code	pack
LXBPSSG	1



Flat angle	
code	pack
LFASSG	1



Flat tee	
code	pack
LFTSSG	1

Components



RCD/MCB Housing

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated

Note: RCDs and MCBs are not supplied by Marshall-Tufflex



Earth bonding kit

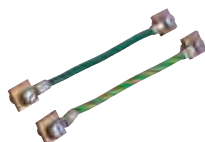
code	pack
LBT3	1

Bonding assemblies



Bonding terminal assembly

code	description	pack
LBT1	incoming 16mm ²	5



Bonding strap

code	description	pack
LBS1	base to base 32Amp	5



Bonding strap

code	description	pack
LBS2	cover to base	5



End cap bonding strap

code	pack
LBS5	1

Coupler Pin

code	description	pack
LDP1	ø2.5 x 20mm	10

To aid alignment of base profiles

1 gang accessory box
30mm deep

code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

2 gang accessory box
30mm deep

code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

Part M

1 and 2 gang box assemblies are available to comply with the requirements of Part M (DDA).



Part M box assembly

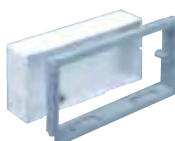
code	description	pack
ESPM1BU	1 gang - blue plate	1
ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

Boxes and plates



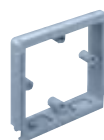
1 gang adjustable depth box

code	depth	pack
EAB1SG	32 - 40mm	1



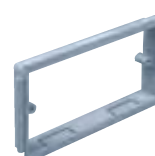
2 gang adjustable depth box

code	depth	pack
EAB2SG	32 - 40mm	1



1 gang accessory plate

code	pack
ESSP1SG	1



2 gang accessory plate

code	pack
ESSP2SG	1

Screened boxes

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide 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.



1 gang screened accessory box

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

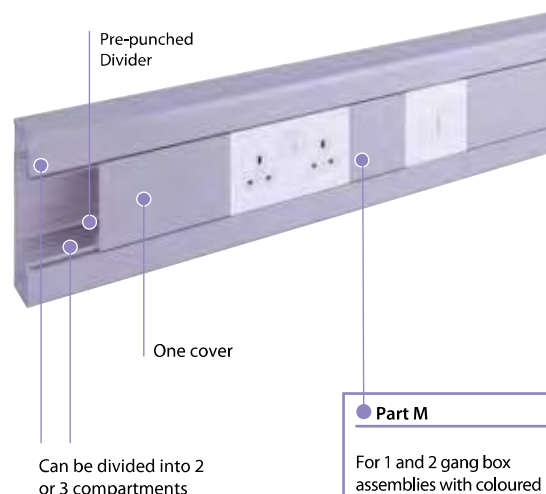
*Supplied complete with earth terminal

Elegance 170 Aluminium is a sleek and rounded 170mm rectangular dado trunking system with a single cover, ideal for use in office or educational environments where extra mechanical strength and a higher cable capacity is required.



Product information

- 170 x 55mm
- "C" type section can be used as a single large compartment section or can be further sub-divided into 2 or 3 compartments
- Cat 6, 6a and 7 compliant
- Suitable for dado and skirting applications
- Pre-punched dividers for quick installation
- A range of fabricated fittings
- Part M compliant
- Compatible with Marshall-Tufflex flush power and data accessories and standard UK wiring power and accessories
- Standard silver-grey RAL 9006 powder coat finish. White RAL 9016 is also available to order subject to a lead time.
- Can be used inconjunction with Conduit and Mini trunking systems



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 121.



Standard Colours

WH

SG

WH: White
SG: Silver grey

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Options: optional colours and finishes are available but these will be subject to minimum quantity orders, longer lead times and set up charges.

For more information contact the Technical Team on 01424 856688.



Base unit and cover

code	pack
LP1050SG	1 x 2.9m

Note: In order to sub-divide Elegance 170, LP1005 dividing fillets should be used

p245

Technical Information



End cap (screws included)

code	pack
LP1030SG	1



Internal bend 90°

code	pack
LP1020SG	1



External bend 90° Slow

code	pack
LP1026SG	1



Flat angle

code	pack
LP1040SG	1



Flat tee

code	pack
LP1045SG	1

Components



RCD/MCB Housing

code	pack
EABC1MWH	1

*Up to 4 modules can be accommodated

Note: RCDs and MCBs are not supplied by Marshall-Tufflex



Dividing fillet (pre-punched)

code	length	pack
LP1005	1.45m	1

Note: In order to sub-divide Elegance 170, the above LP1005 dividing fillets should be used



Earth bonding kit

code	pack
LBT3	1

Note: Fastons supplied suit 1.5mm to 2.5mm cable (blue) and 4.0mm to 6.0mm (yellow).

Bonding assemblies



Bonding strap

code	description	pack
LBS2	cover to base	5



End cap bonding strap

code	pack
LBS5	1

Coupler Pin

code	description	pack
LDP1	ø2.5 x 20mm	10

To aid alignment of base profiles

Boxes and plates

1 gang accessory box
30mm deep

code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

2 gang accessory box
30mm deep

code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

Part M

1 and 2 gang box assemblies are available to comply with the requirements of Part M (DDA).

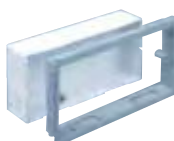


Part M box assembly

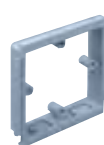
code	description	pack
ESPM1BU	1 gang - blue plate	1
ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

1 gang adjustable
depth box

code	depth	pack
EAB1SG	32 - 40mm	1

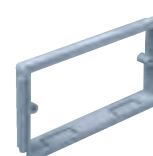
2 gang adjustable
depth box

code	depth	pack
EAB2SG	32 - 40mm	1



1 gang accessory plate

code	pack
ESSP1SG	1



2 gang accessory plate

code	pack
ESSP2SG	1

Screened boxes

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide 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.



1 gang screened accessory box

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

*Supplied complete with earth terminal

Sterling Profile Aluminium is a popular and stylish looking trunking system that offers a variety of trunking profiles with separate compartment covers.

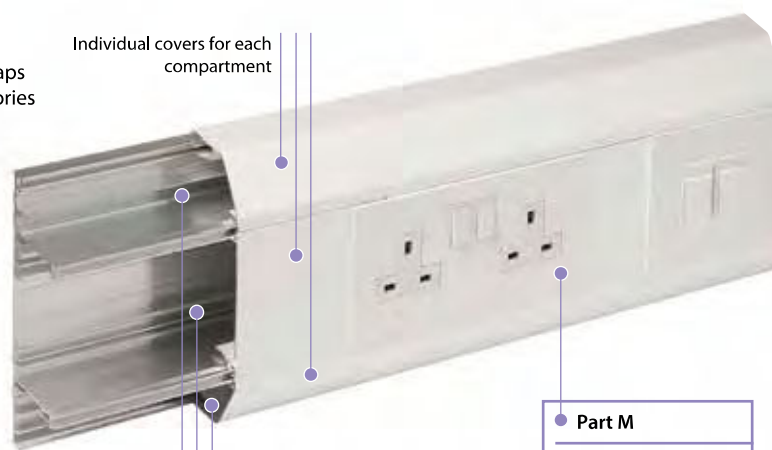


Product information

- 167 x 50mm
- 3 segregated compartments
- Can be sub-divided
- Suitable for dado and skirting applications
- A range of polycarbonate clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories

Data information

- Standard bend radius of 25mm (Cat 6)
- Data fittings available for bend radius up to 50mm
- Adjustable data box 32-40mm
- Screened divider and data boxes



Standard Colours	
WH	SG
WH: White SG: Silver grey	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Colour options: optional colours and finishes are available but these are subject to minimum quantity orders and longer lead times. For more information contact the Technical Team on 01424 856688.

Compartment can be subdivided

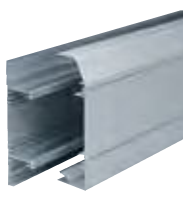
Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 124.



Profile 3001

size: 167 x 50mm



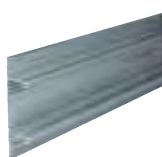
Profile 3002

size: 167 x 50mm



Profile 3003

size: 167 x 50mm



Base unit

code	pack
ETB300MF*	2 x 3m

*MF=Mill finish

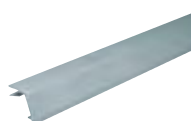
p246

Technical Information



Main compartment cover

code	pack
LTL1SG	1 x 3m



Angled cover

code	pack
ETAC300SG	1 x 3m



Square cover

code	pack
ETSC300SG	1 x 3m



Profile 3001
Coupler

code	pack
ECP401SG	1



Profile 3002
Coupler

code	pack
ECP402SG	1



Profile 3003
Coupler

code	pack
ECP403SG	1



Profile 3001
End cap

code	pack
EECP401SG	1



Profile 3002
End cap

code	pack
EECP402LHSG (Left hand)	1
EECP402RHSG (Right hand)	1



Profile 3003
End cap

code	pack
EECP403SG	1



Profile 3001
Internal bend

code	pack
EIBP401SG	1



Profile 3002
Internal bend

code	pack
EIBP402SG	1



Profile 3003
Internal bend

code	pack
EIBP403SG	1



Profile 3001
External bend

code	pack
EXBP401SG	1



Profile 3002
External bend

code	pack
EXBP402SG	1



Profile 3003
External bend

code	pack
EXBP403SG	1



Dividing fillet (PVC-U)

code	pack
EDF1	outer 8 x 3m



Profile 3001
Flat angle – up/down

code	pack
EFAP3001SG	1



Profile 3002
Flat angle – upward

code	pack
EFAP3002USG	1



Profile 3002
Flat angle – downward

code	pack
EFAP3002DSG	1



Profile 3003
Flat angle – up/down

code	pack
EFAP3003SG	1



Profile 3001
Flat tee – up/down

code	pack
EFTP3001SG	1



Profile 3003
Flat tee – up/down

code	pack
EFTP3003SG	1

Sterling Profile 3002 flat tees

Where profiles have one angled cover and one square cover, as with Sterling Profile 3002, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select Profile 3001 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select Profile 3003 tee remove the square top cover and replace with angled cover.

Components

***RCD/MCB Housing**

code	pack
EAHC1MWH	1

*Up to 4 modules can be

accommodated

Note: RCDs and MCBs are not supplied by Marshall-Tufflex

**Main crossover bridge (PVC-U)**

code	pack
EMCB1	5

EMCB1

**Angled cable retainer (PVC-U)**

code	pack
EACR1	10

EACR1

**Main cable retainer (PVC-U)**

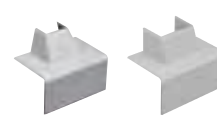
code	pack
EMCR1	10

EMCR1

**Angled mini-trunking adaptor (Polycarbonate)**

code	Description	pack
EATA402SG	MMT2	5
EATA404SG	MMT4	1

EATA402SG

**Square mini-trunking adaptor (Polycarbonate)**

code	Description	pack
ESTA402SG	MMT2	5
ESTA404SG	MMT4	1

ESTA402SG

Bonding assemblies

**Bonding terminal assembly**

code	description	pack
LBT1	incoming 16mm ²	5

LBT1

**Bonding strap**

code	description	pack
LBS1	base to base 32Amp	5

LBS1

**Bonding strap**

code	description	pack
LBS2	cover to base	5

LBS2

Boxes and plates

**1 gang accessory box 30mm deep**

code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

ESSB1SG

**2 gang accessory box 30mm deep**

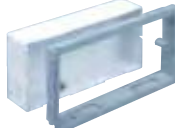
code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

ESSB2SG

**1 gang adjustable depth box**

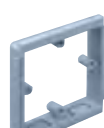
code	depth	pack
EAB1SG	32 – 40mm	1

EAB1SG

**2 gang adjustable depth box**

code	depth	pack
EAB2SG	32 – 40mm	1

EAB2SG

**1 gang accessory plate**

code	pack
ESSP1SG	1

ESSP1SG

**2 gang accessory plate**

code	pack
ESSP2SG	1

ESSP2SG

Part M

1 and 2 gang box assemblies with contrasting coloured flush plates are available to comply with the requirements of Part M (DDA).

**Part M box assembly**

code	description	pack
ESPM1BU	1 gang - blue plate	1
ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

Sterling Profile aluminium component chart

Base unit

Pack 2 x 3m
Milled aluminium

**Main compartment cover**

Pack 1 x 3m

**Angled cover**

Pack 1 x 3m

**Square cover**

Pack 1 x 3m

**Couplers**

Pack 1

**End caps**

Pack 1
Left or right handed

**Internal bends**

Pack 1
Internal base corner needs to be mitred

**External bends**

Pack 1
External base corner needs to be mitred

**Flat angles**

Pack 1
Upward or downward

**† Flat tees**

Pack 1



† See Flat Tee information below

3 compartment

Profile 3001 167 x 50mm Profile 3002 167 x 50mm Profile 3003 167 x 50mm



ETB300MF ETB300MF ETB300MF

LTL1SG LTL1SG LTL1SG

2 x ETAC300SG 1 x ETAC300SG —

— 1x ETSC300SG 2 x ETSC300SG

ECP401SG ECP402SG ECP403SG

EECP401SG EECP402LHSG
EECP402RHSG EECP403SG

EIBP401SG EIBP402SG EIBP403SG

EXBP401SG EXBP402SG EXBP403SG

EFAP3001SG EFAP3002USG
EFAP3002DSG EFAP3003SG

EFTP3001SG † EFTP3003SG

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Technical
Information

† Sterling Profile 3002 flat tees

Where profiles have one angled cover and one square cover, as with Sterling Profile 3002, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select Profile 3001 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select Profile 3003 tee remove the square top cover and replace with angled cover.

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide protection 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.

**1 gang screened accessory box**

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

*Supplied complete with earth terminal

XL Aluminium Trunking 301 to 303 comprises a range of deep, 3-compartment systems that provide extra capacity and screening performance levels for data cabling.

Product information

- 220 x 65mm
- 3 deep segregated compartments
- Compartments can be sub-divided
- Suitable for dado and skirting applications (XL301 is recommended for dado application only)
- Includes a range of polycarbonate clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories

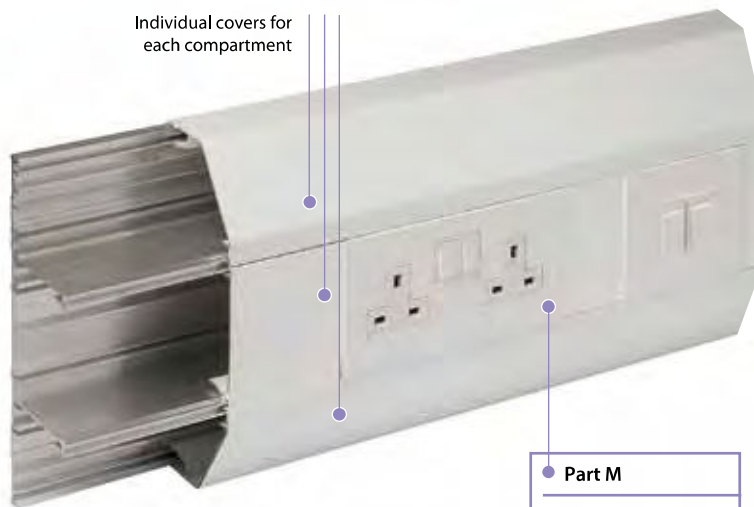
Data information

- For bend radius information contact the Technical Team
- External bends feature internal segregators
- Adjustable data box 32-50mm
- Screened divider and data boxes

Standard Colours	
WH	SG
WH: White SG: Silver grey	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Colour options: optional colours and finishes are available but these are subject to minimum quantity orders and longer lead times. For more information contact the Technical Team on 01424 856688.



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 128.



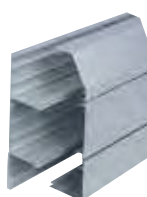
XL profiles



***XL 301**

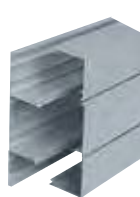
size 220 x 65mm

*For dado installation only



XL 302

size 220 x 65mm



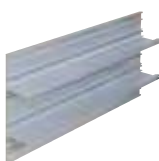
XL 303

size 220 x 65mm

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Technical Information

Basic components



Base unit

code	pack
ELTB300	2 x 3m



Main compartment cover

code	pack
LTL1SG	1 x 3m



Angled cover

code	pack
ELAC300SG	1 x 3m



Square cover

code	pack
ELSC300SG	1 x 3m



Dividing fillet

code	pack
ELDF200	8 x 3m



**XL 301
Coupler**

code	pack
EC401SG	1



**XL 302
Coupler**

code	pack
EC402SG	1



**XL 303
Coupler**

code	pack
EC403SG	1



**XL 301
End cap**

code	pack
EEC401SG	1



**XL 302
End cap**

code	pack
EEC402LHSG (Left hand)	1
EEC402RHSG (Right hand)	1



**XL 303
End cap**

code	pack
EEC403SG	1



**XL 301
Internal bend**

code	pack
EIB401SG	1



**XL 302
Internal bend**

code	pack
EIB402SG	1



**XL 303
Internal bend**

code	pack
EIB403SG	1



**XL 301
External bend**

code	pack
EXB401SG	1



**XL 302
External bend**

code	pack
EXB402SG	1



**XL 303
External bend**

code	pack
EXB403SG	1



**XL 301
Flat angle – up/down**

code	pack
EFA301SG	1



**XL 302
Flat angle – upward**

code	pack
EFA302USG	1



**XL 302
Flat angle – downward**

code	pack
EFA302DSG	1



**Flat angle – up/down
XL 303**

code	pack
EFA303SG	1



**XL 301
Flat tee – up/down**

code	pack
EFT301SG	1



**XL 303
Flat tee – up/down**

code	pack
EFT303SG	1

XL Trunking 302 flat tees

Where profiles have one angled cover and one square cover, as with XL 302, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL 301 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 303 tee remove the square top cover and replace with angled cover.

***RCD/MCB Housing**

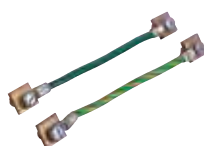
code	description	pack
EAHC1MWH		1

*Up to 4 modules can be accommodated

Note: RCDs and MCBs are not supplied by Marshall-Tufflex

**Bonding terminal assembly**

code	description	pack
LBT1	incoming 16mm ²	5

**Bonding strap**

code	description	pack
LBS1	base to base 32Amp	5

**Bonding strap**

code	description	pack
LBS2	cover to base	5

**1 gang accessory box 30mm deep**

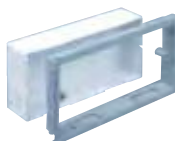
code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

**2 gang accessory box 30mm deep**

code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

**1 gang adjustable depth box**

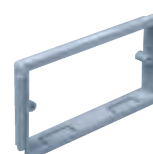
code	depth	pack
EAB1SG	32 – 47mm	1

**2 gang adjustable depth box**

code	depth	pack
EAB2SG	32 – 47mm	1

**1 gang accessory plate**

code	pack
ESSP1SG	1

**2 gang accessory plate**

code	pack
ESSP2SG	1

Part M

1 and 2 gang box assemblies with contrasting coloured flush plates are available to comply with the requirements of Part M (DDA).

**Part M box assembly**

code	description	pack
ESPM1BU	1 gang - blue plate	1
ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide 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.

**1 gang screened accessory box**

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

*Supplied complete with earth terminal

XL Aluminium 301 to 303 component chart

Base unit

Pack 2 x 3m

Features earth bonding rail and screw ports to aid the fastening of pipe clips and gas valves etc

**Main compartment cover**

Pack 1 x 3m

**Angled cover**

Pack 1 x 3m

**Square cover**

Pack 1 x 3m

**Couplers**

Pack 1

**End caps**Pack 1
left or right hand**Internal bends**

Pack 1

**External bends**

Pack 1

**Flat angles**Pack 1
upward or downward**† Flat tees**

Pack 1



† See Flat Tee information below

3 Compartment**XL 301**

220 x 65mm

**XL 302**

220 x 65mm

**XL 303**

220 x 65mm



ELTB300

ELTB300

ELTB300

LTL1SG

LTL1SG

LTL1SG

2 x ELAC300SG

1 x ELAC300SG

—

—

1 x ELSC300SG

2 x ELSC300SG

EC401SG

EC402SG

EC403SG

EEC401SG

EEC402LHSG
EEC402RHSG

EEC403SG

EIB401SG

EIB402SG

EIB403SG

EXB401SG

EXB402SG

EXB403SG

EFA301SG

EFA302USG
EFA302DSG

EFA303SG

EFT 301SG

†

EFT303SG

† XL Trunking 302 flat tees

Where profiles have one angled cover and one square cover, as with XL 302 trunking, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL 301 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 303 tee remove the square top cover and replace with angled cover.

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Technical
Information

XL Aluminium Trunking 311 to 313 comprises a range of deep, multi-compartment systems that provide extra capacity and screening performance levels for data cabling. XL 311, 312 and 313 offer the facility to extend height for higher density cabling.

Product information

- 308 x 65mm
- 4 or more deep segregated compartments
- Compartments can be sub-divided
- Suitable for dado and skirting applications (XL 311 is recommended for dado application only)
- Includes a range of polycarbonate clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories

Data information

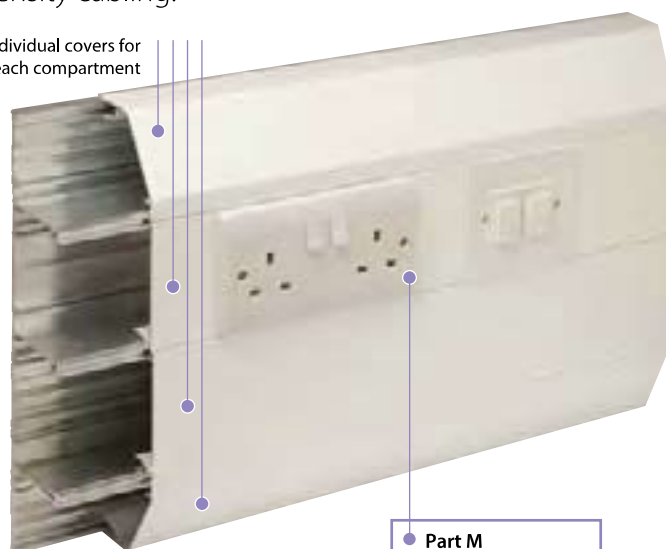
- For bend radius information contact the Technical Team
- External bends feature internal segregators
- Adjustable data box 32-50mm
- Screened divider and data boxes

Standard Colours	
WH	SG
WH: White SG: Silver grey	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Colour options: optional colours and finishes are available but these are subject to minimum quantity orders and longer lead times. For more information contact the Technical Team on 01424 856688.

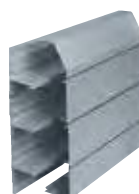
Individual covers for each compartment

**Part M**

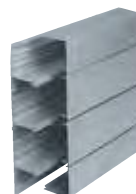
For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 132.

ALUMINIUM TRUNKING SYSTEMS
XL profiles

***XL 311**
size 308 x 65mm
*For dado installation only

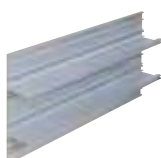


XL 312
size 308 x 65mm



XL 313
size 308 x 65mm

Basic components



Base unit
code pack
ELTB300 2 x 3m



Extendable base*
code pack
ELEB300 1 x 3m

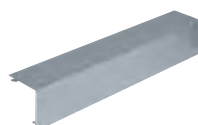
* To increase number of compartments



Main compartment cover
code pack
LTL1SG 1



Angled cover
code pack
ELAC300SG 1 x 3m



Square cover
code pack
ELSC300SG 1 x 3m



Dividing fillet
code pack
ELDF200 8 x 3m

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Technical Information



**XL 311
Coupler**

code	pack
EC401SG plus ELLCC400SG	1



**XL 312
Coupler**

code	pack
EC402SG plus ELLCC400SG	1



**XL 313
Coupler**

code	pack
EC403SG plus ELLCC400SG	1



**XL 311
End cap**

code	pack
EEC401SG plus ELLEC400SG	1
Universal for RH and LH	



**XL 312
End cap**

code	pack
EEC402LHSG plus ELLEC400SG	1
EEC402RHSG plus ELLEC400SG	1



**XL 313
End cap**

code	pack
EEC403SG plus ELLEC400SG	1
Universal for RH and LH	

End cap retaining screws

When installing end caps, additional retention can be achieved by using end cap retaining screws G1310 (pack 40).



**XL 311
Internal bend**

code	pack
EIB401SG plus ELLIB400SG	1



**XL 312
Internal bend**

code	pack
EIB402SG plus ELLIB400SG	1



**XL 313
Internal bend**

code	pack
EIB403SG plus ELLIB400SG	1



**XL 311
External bend**

code	pack
EXB401SG plus ESLEB400SG	1



**XL 312
External bend**

code	pack
EXB402SG plus ESLEB400SG	1



**XL 313
External bend**

code	pack
EXB403SG plus ESLEB400SG	1



**XL 311
Flat angle – up/down**

code	pack
EFA311SG	1



**XL 312
Flat angle – upward**

code	pack
EFA312USG	1



**XL 312
Flat angle – downward**

code	pack
EFA312DSG	1



**XL 313
Flat angle – up/down**

code	pack
EFA313SG	1



**XL 311
Flat tee – up/down**

code	pack
EFT311SG	1



**XL 313
Flat tee – up/down**

code	pack
EFT313SG	1

XL Trunking 312 flat tees

Where profiles have one angled cover and one square cover, as with XL 312, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL 311 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 313 tee remove the square top cover and replace with angled cover.

***RCD/MCB Housing**

code	description	pack
EAHC1MWH		1

*Up to 4 modules can be accommodated

Note: RCDs and MCBs are not supplied by Marshall-Tufflex

**Bonding terminal assembly**

code	description	pack
LBT1	incoming 16mm ²	5

**Bonding strap**

code	description	pack
LBS1	base to base 32 amp	5

**Bonding strap**

code	description	pack
LBS2	cover to base	5

**1 gang accessory box
30mm deep**

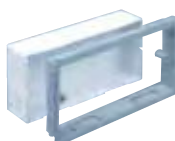
code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

**2 gang accessory box
30mm deep**

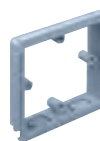
code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

**1 gang adjustable
depth box**

code	depth	pack
EAB1SG	32 – 47mm	1

**2 gang adjustable
depth box**

code	depth	pack
EAB2SG	32 – 47mm	1

**1 gang accessory plate**

code	pack
ESSP1SG	1

**2 gang accessory plate**

code	pack
ESSP2SG	1

Part M

1 and 2 gang box assemblies with contrasting coloured flush plates are available to comply with the requirements of Part M (DDA).

**Part M box assembly**

code	description	pack
ESPM1BU	1 gang - blue plate	1
ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide 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.

**1 gang screened accessory box**

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

*Supplied complete with earth terminal

XL Aluminium 311 to 313 component chart

Base unit

Pack 2 x 3m

Features earth bonding rail and screw ports to aid the fastening of pipe clips and gas valves etc

Extendable base

Pack 1 x 3m

Additional 88mm compartment

Main compartment cover

Pack 1 x 3m

Angled cover

Pack 1 x 3m

Square cover

Pack 1 x 3m

Couplers

Pack 1

End caps

Pack 1

left or right hand

Internal bends

Pack 1

External bends

Pack 1

Flat angles

Pack 1

upward or downward

† Flat tees

Pack 1

† See Flat Tee information below

4 Compartment**XL 311**

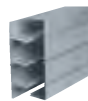
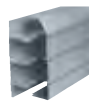
308 x 65mm

XL 312

308 x 65mm

XL 313

308 x 65mm



ELTB300

ELTB300

ELTB300

ELEB300

ELEB300

ELEB300

2 x LTL1SG

2 x LTL1SG

2 x LTL1SG

2 x ELAC300SG

1 x ELAC300SG

—

—

1 x ELSC300SG

2 x ELSC300SG

EC401SG &
ELLCC400SGEC402SG &
ELLCC400SGEC403SG &
ELLCC400SGEEC401SG &
ELLECC400SGEEC402LHSG &
ELLECC400SG
EEC402RHSG &
ELLECC400SGEEC403SG &
ELLECC400SGEIB401SG &
ELLIB400SGEIB402SG &
ELLIB400SGEIB403SG &
ELLIB400SGEXB401SG &
ESLEB400SGEXB402SG &
ESLEB400SGEXB403SG &
ESLEB400SG

EFA311SG

EFA312USG &
EFA312DSG

EFA313SG

EFT311SG

†

EFT313SG

† XL Trunking 312 flat tees

Where profiles have one angled cover and one square cover, as with XL Trunking 312, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL 311 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select XL 313 tee remove the square top cover and replace with angled cover.

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Technical
Information

Twin Plus Aluminium is an extra deep cable management solution incorporating two large segregated high capacity compartments. Twin Plus is specifically designed for carrying large quantities of Cat 6 data cabling.

Product information

- 210 x 57mm
- 2 large permanent segregated compartments
- Each compartment can be sub divided
- Suitable for dado and skirting applications
- Bends angles and tees with a large bend radius
- Includes a range of clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories
- All fittings are ABS

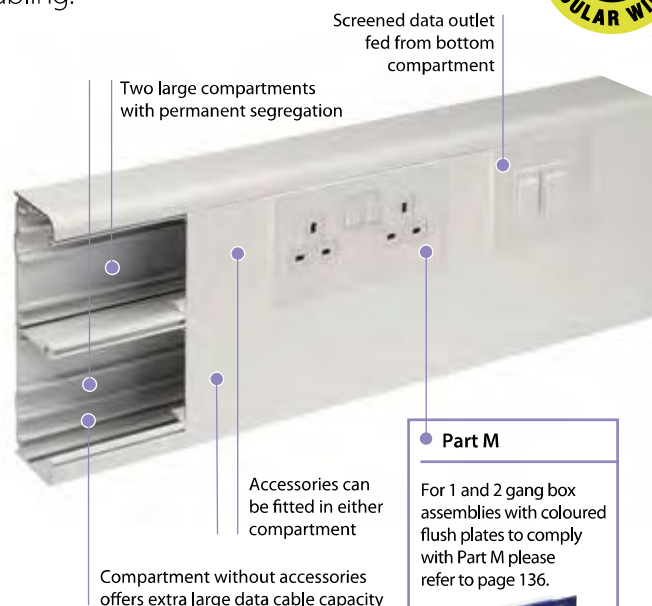
Data information

- 50mm bend radius fittings
- Adjustable data box 32-47mm
- Screened divider and data boxes

Standard Colours	
WH	SG
WH: White SG: Silver grey	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Colour options: optional colours and finishes are available but these are subject to minimum quantity orders and longer lead times. For more information contact the Technical Team on 01424 856688.



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 136.



Basic components



Base unit

code	pack
EMTA60SG	1 x 3m



Main compartment cover (aluminium)

code	pack
LTL1SG	1 x 3m



Dividing fillet (PVC-U)

code	pack
LDF1	8 x 3m

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Technical Information

Fittings (ABS)



Coupler

code	pack
EC60SG	1



End cap

code	pack
EEC60SG	1

End cap retaining screws

When installing end caps, additional retention can be achieved by using end cap retaining screws G1310 (pack 40).



Internal bend cover

code	pack
EIBC60SG	1



Standard external bend cover

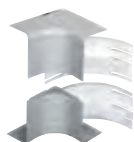
code	pack
ESXBC60SG	1



Flat angle cover

code	pack
EFAC60SG	1

Fittings (ABS)



---DATA---

Internal bend assembly

code	pack
EIB60SG	1



---DATA---

**External bend assembly
Standard**

code	pack
ESXB60SG	1

Capacity reduced by 50%



---DATA---

**External bend assembly
Large**

code	pack
EXB60SG	1



---DATA---

Flat angle assembly

code	pack
EFA60SG	1

Covers and cable inserts in ABS



---DATA---

Flat tee assembly

code	pack
EFTA60SG	1

Flat Tees include covers, cable inserts in ABS with base in aluminium

Components

***RCD/MCB Housing**

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated

Note: RCDs and MCBs are not supplied by Marshall-Tufflex

Bonding assemblies

**Bonding terminal assembly**

code	description	pack
LBT1	incoming 16mm ²	5

**Bonding strap**

code	description	pack
LBS1	base to base 32 amp	5

**Bonding strap**

code	description	pack
LBS2	cover to base	5

Boxes and plates

1 gang accessory box
30mm deep

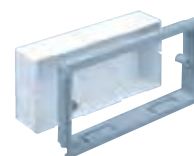
code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

2 gang accessory box
30mm deep

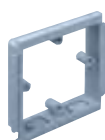
code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

1 gang adjustable
depth box

code	depth	pack
EAB1SG	32 – 47mm	1

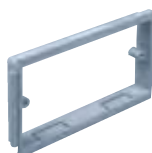
2 gang adjustable
depth box

code	depth	pack
EAB2SG	32 – 47mm	1



1 gang accessory plate

code	pack
ESSP1SG	1



2 gang accessory plate

code	pack
ESSP2SG	1

Part M

1 and 2 gang box assemblies with contrasting coloured flush plates are available to comply with the requirements of Part M (DDA).



Part M box assembly

code	description	pack
ESPM1BU	1 gang - blue plate	1
ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide 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.

1 gang screened accessory box

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

*Supplied complete with earth terminal

Screened boxes



Bench trunking aluminium is a robust angled trunking that can be mounted directly on to desks, work benches or fitted under shelving.

Product information

- 105 x 105mm
- Suitable for desk, bench or worktop applications
- Can be subdivided
- Fully compatible with Sterling flush power and data accessories

Data information

- Adjustable data box 32-40mm
- Screened divider and data boxes

Standard Colours	
WH	SG
WH: White SG: Silver grey	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.
Colour options: optional colours and finishes are available but these are subject to minimum quantity orders and longer lead times. For more information contact the Technical Team on 01424 856688.



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 138.



Basic components



Trunking base

code	size	pack
MBTAB105SG	105x105mm	1 x 3m



Cover

code	pack
MBTAL105SG	1 x 3m



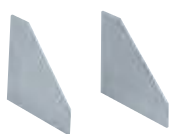
Dividing fillet (PVC-U)

code	pack
BDF105WH	4 x 3m

p244

Technical Information

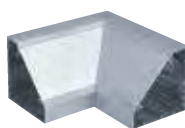
Fittings



End caps (steel)

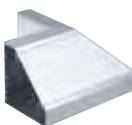
code	pack
BECA105SG	1

with fixing screws



Internal angle (aluminium)

code	pack
BIAA105SG	1



External angle (aluminium)

code	pack
BEAA105SG	1

Bench units



1 gang bench unit

code	description	pack
MBUA1SG	no socket	1
MBSA1SG	ESS1SG socket	1



2 gang bench unit

code	description	pack
MBUA2SG	no socket	1
MBSA2SG	ESS2SG socket	1



1 & 2 gang bench unit

code	description	pack
MBUA3SG	no sockets	1

***RCD/MCB Housing**

code	pack
EAHC1MWH	1

*Up to 4 modules can be accommodated

Note: RCDs are not supplied by Marshall-Tufflex

**Bonding terminal assembly**

code	description	pack
LBT1	incoming 16mm ²	5

**Bonding strap**

code	description	pack
LBS1	base to base 32 amp	5

**Bonding strap**

code	description	pack
LBS2	cover to base	5

**End cap bonding strap**

code	pack
LBS3	1

**1 gang accessory box 30mm deep**

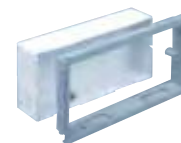
code	description	pack
ESSB1SG	ABS	1
ESSB401WH	polycarbonate	1

**2 gang accessory box 30mm deep**

code	description	pack
ESSB2SG	ABS	1
ESSB402WH	polycarbonate	1

**1 gang adjustable depth box**

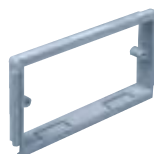
code	depth	pack
EAB1SG	32 – 40mm	1

**2 gang adjustable depth box**

code	depth	pack
EAB2SG	32 – 40mm	1

**1 gang accessory plate**

code	pack
ESSP1SG	1

**2 gang accessory plate**

code	pack
ESSP2SG	1

Part M

1 and 2 gang box assemblies with contrasting coloured flush plates are available to comply with the requirements of Part M (DDA).

**Part M box assembly**

code	description	pack
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ESPM1CH	1 gang - charcoal plate	1
ESPM1RD	1 gang - red plate	1
ESPM1GN	1 gang - green plate	1
ESPM1LG	1 gang - light grey plate	1
ESPM2BU	2 gang - blue plate	1
ESPM2CH	2 gang - charcoal plate	1
ESPM2RD	2 gang - red plate	1
ESPM2GN	2 gang - green plate	1
ESPM2LG	2 gang - light grey plate	1

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**1 gang screened accessory box**

code	depth	description	pack
ESSB1SWH*	30mm	PVC-U	20

2 gang screened accessory box

code	depth	description	pack
ESSB2SWH*	30mm	PVC-U	10

*Supplied complete with earth terminal