DATA MANAGEMENT SYSTEMS

Data Management Systems are a comprehensive range of structured cabling and cable management solutions for the work area. Flexibility has been engineered into the products allowing them to be tailored to your specific needs.

- Cable control performance that exceeds the next generation of cabling standards.
- Can be used with the full range of Sterling flush accessories and boxes.
- Designed with the latest technology to support networks with high-speed data transmission.
- A full range of structured cabling systems including patch panels, cable, outlets and patch cords for data and voice networks.

MARSHALL-TUFFLEX RECYCLING SCHEME

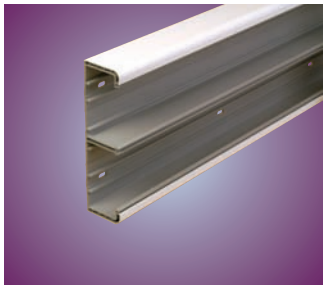
Section Contents	Pages
Sterling Twin Plus PVC-U	77-79
Sterling Compact Data PVC-U	80-81
Sterling Profile Data PVC-U	82-85
Maxi Data PVC-U	86-87
Mini 4 Data PVC-U	88-89
Structured Cabling System	90-93

STERLING TWIN PLUS PVC-U

Sterling Twin Plus is a totally integrated cable management solution with a large bend radius option to control cables for optimum performance and exceed all current cabling standards.

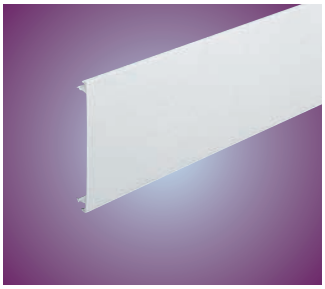
- Bends, angles and tees with a large bend radius of 50mm.
- Cable control performance that exceeds international category standards.
- Conductive spray coating for protection against EMI in PVC-U versions.
- Busbar option available.
- Utilises full range of Sterling flush accessories and boxes.
- Available in lengths suited to international specification.

Sterling Twin Plus
Size: 210 x 57mm



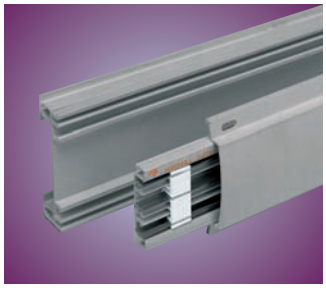
Base Unit – PVC-U

Prod Code	Pack
EMT60WH	2 x 3m



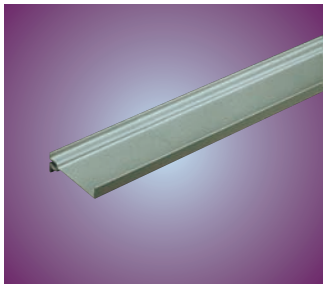
Lid – PVC-U

Prod Code	Pack
ETL1WH	8 x 3m



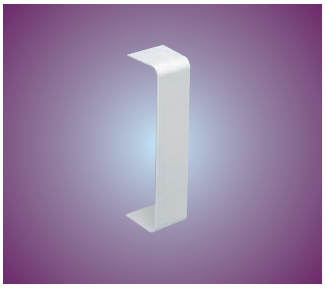
Busbar Assembly and Support

Prod Code		Pack
GRA1	Assembly	1 x 3m
EBS60	Support	10 x 3m



Dividing Fillet – PVC-U

Prod Code	Pack
LDF1	8 x 3m

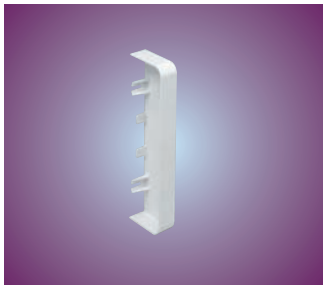


Coupler

Prod Code	Pack
EC60WH	1

FOR STERLING TWIN PLUS ALUMINIUM SEE PAGES 171 TO 173

FOR BUSBAR FITTINGS SEE PAGES 64 TO 67



End Cap

Prod Code	Pack
EEC60WH	1

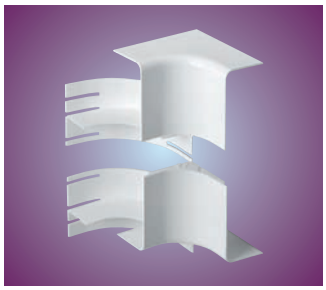
For additional retention use End Cap Retaining Screws G1310 (Pack 40).

Colour Code Suffix Please replace the last two letters with those detailed right.	Code	Colour
	WH	White
	LG	Light Grey
	BG	Beige
	BN	Brown
	CH	Charcoal

STERLING TWIN PLUS PVC-U continued

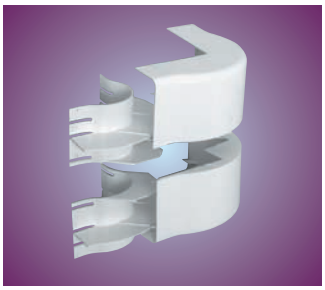
ASSEMBLIES AND COVERS

Assemblies include Covers, Cable Inserts in ABS.
Flat Tees include Covers, Cable Inserts in ABS with Base in PVC-U.
Covers Only in ABS.



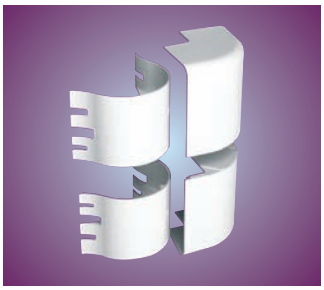
Internal Bend Assembly

Prod Code	Pack
EIB60WH	1



Data External Bend Assembly

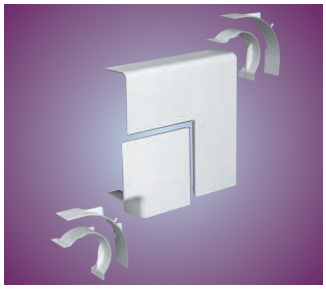
Prod Code	Pack
EXB60WH	1



Standard External Bend Assembly

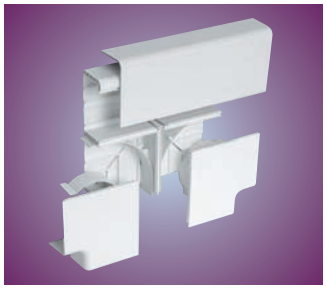
Prod Code	Pack
ESXB60WH	1

Capacity reduced by 50%.



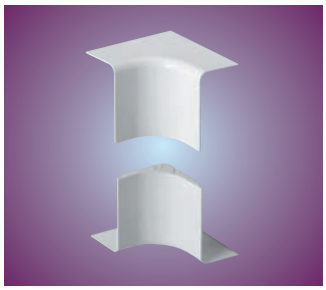
Flat Angle Assembly

Prod Code	Pack
EFA60WH	1



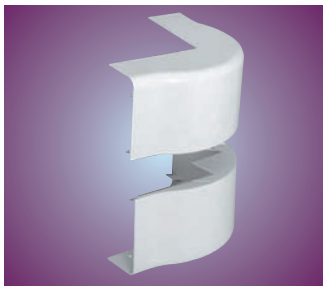
Flat Tee Assembly

Prod Code	Base	Pack
EFT60WH	PVC-U	1



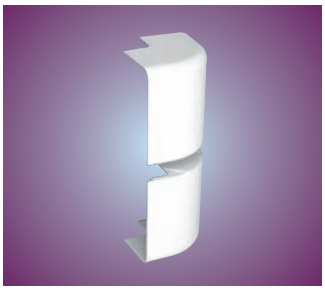
Internal Bend Cover

Prod Code	Pack
EIBC60WH	1



Data External Bend Cover

Prod Code	Pack
EXBC60WH	1



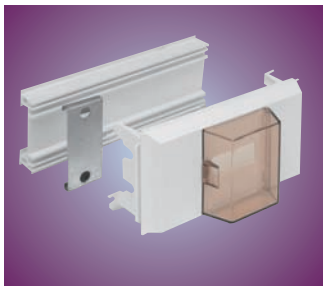
Standard External Bend Cover

Prod Code	Pack
ESXBC60WH	1

Flat Bend Cover

Prod Code	Pack
EFAC60WH	1

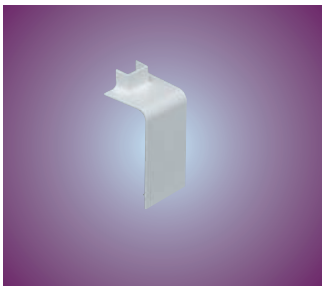
ADDITIONAL COMPONENTS



RCD/MCB Housing

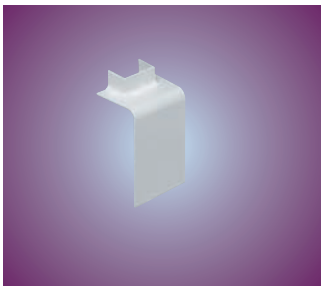
Prod Code	Size	Pack
EAHC60WH	1-4 modules	2

RCD not supplied by Marshall-Tufflex.



Mini Trunking Adaptor

Prod Code	Size	Pack
EATA62WH	MMT2	1



Mini Trunking Adaptor

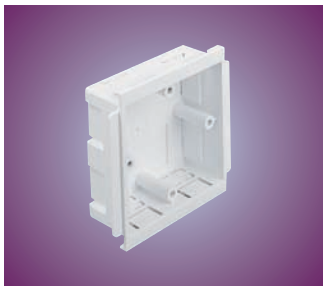
Prod Code	Size	Pack
EATA64WH	MMT4	1

Other Angles available on request, telephone 01424 856688.

Colour Code Suffix Please replace the last two letters with those detailed right.	Code	Colour
	WH	White
	LG	Light Grey
	BG	Beige
	BN	Brown
	CH	Charcoal

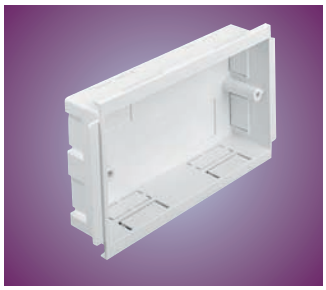
STERLING TWIN PLUS PVC-U continued

BOXES



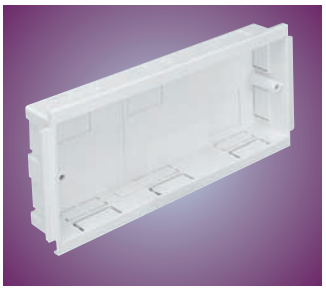
Single Gang Accessory Box

Prod Code	Depth	Pack
ESSB1WH	30mm	20



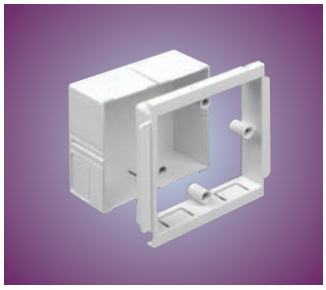
Twin Gang Accessory Box

Prod Code	Depth	Pack
ESSB2WH	30mm	10



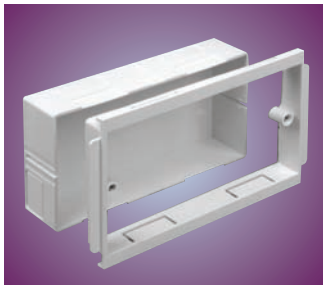
Triple Gang Accessory Box

Prod Code	Depth	Pack
ESSB3WH	30mm	4



Single Gang Adjustable Accessory Box

Prod Code	Depth	Pack
EAB1WH	32mm – 47mm	5

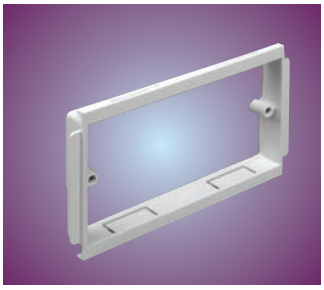


Twin Gang Adjustable Accessory Box

Prod Code	Depth	Pack
EAB2WH	32mm – 47mm	5

Single Gang Accessory Plate

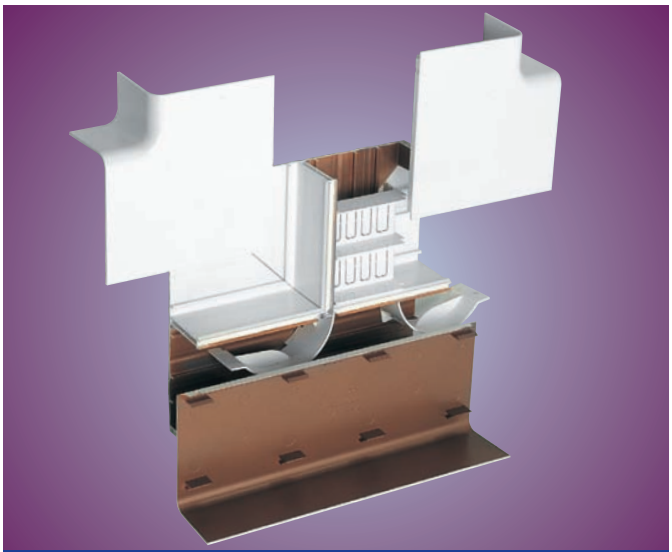
Prod Code	Pack
ESSP1WH	10



Twin Gang Accessory Plate

Prod Code	Pack
ESSP2WH	5

FOR ADDITIONAL ACCESSORIES AND BOXES SEE PAGES 69 TO 75



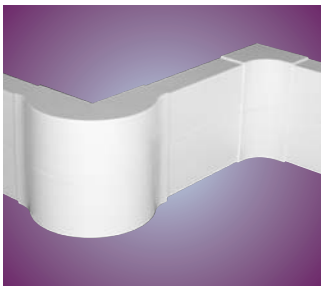
FOR STERLING TWIN PLUS ELECTROMAGNETIC SHEILDING SEE PAGES 60 TO 62

STERLING COMPACT DATA PVC-U

Sterling Compact Data Fittings are ideal for enabling the transportation of data, communication and power. The range of fittings include moulded internal and external bends, featuring a large bend radius for optimum performance of cable control.

Compact 1
Size: 130 x 50mm

Compact 2
Size: 130 x 50mm
Invert for Skirting application



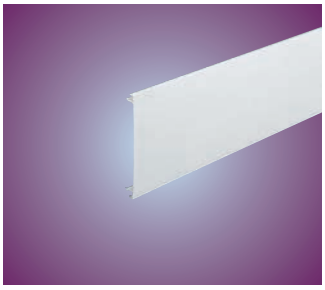
Compact 3
Size: 181 x 50mm

Base Unit

Prod Code	Pack
ETB2WH	4 x 3m

Base Extension

Prod Code	Pack
EBE1WH	4 x 3m



Main Compartment Lid

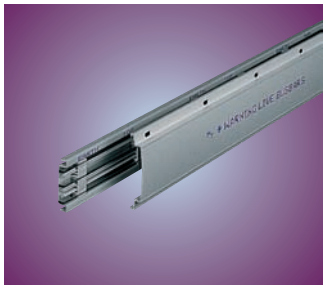
Prod Code	Pack
ETL1WH	8 x 3m

Angled Cover

Prod Code	Pack
ETAC1WH	8 x 3m

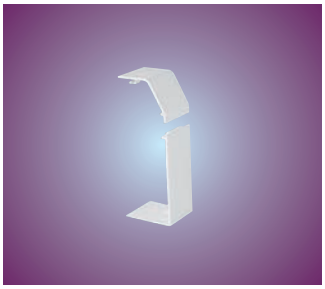
Square Cover

Prod Code	Pack
ETSC1WH	8 x 3m



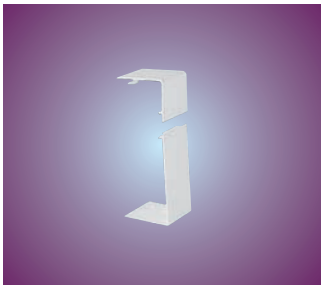
Busbar Assembly

Prod Code	Pack
GRA1	1 x 3m



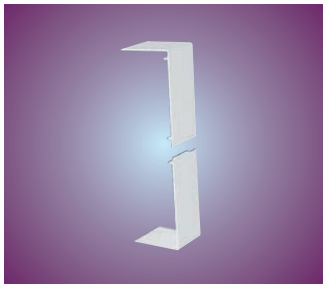
Coupler – Compact 1

Prod Code	Pack
ECC1WH	5



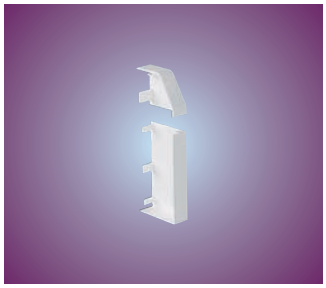
Coupler – Compact 2

Prod Code	Pack
ECC2WH	5



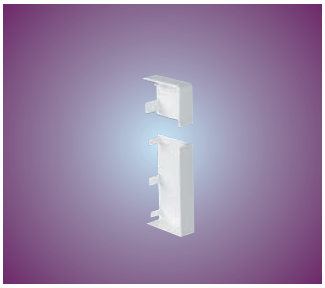
Coupler – Compact 3

Prod Code	Pack
ECC3WH	5



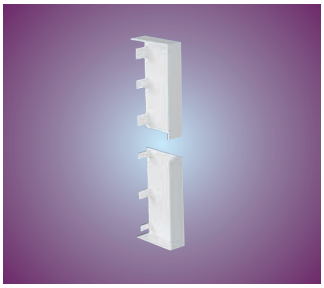
End Cap – Compact 1

Prod Code	Pack
EECC1LHWH (Left Hand)	5
EECC1RHWH (Right Hand)	5



End Cap – Compact 2

Prod Code	Pack
EECC2LHWH (Left Hand)	5
EECC2RHWH (Right Hand)	5



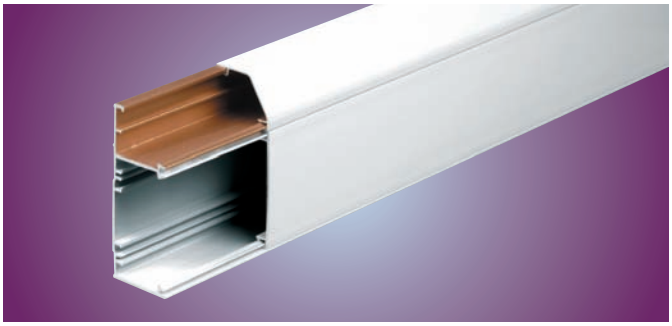
End Cap – Compact 3

Prod Code	Pack
EECC3LHWH (Left Hand)	5
EECC3RHWH (Right Hand)	5

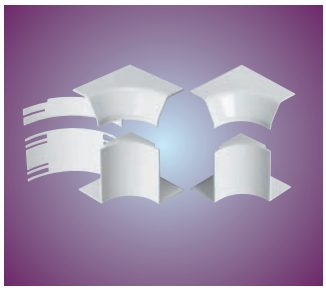
Colour Code Suffix
Please replace the last two letters with those detailed below.

Code	Colour	Code	Colour
WH	White	CH	Charcoal
LG	Light Grey	LO	Light Oak
BG	Beige	MY	Mahogany
BN	Brown	EY	Ebony

FOR THE FULL RANGE OF STERLING COMPACT AND ELECTROMAGNETIC SHIELDING SEE PAGES 22 TO 30

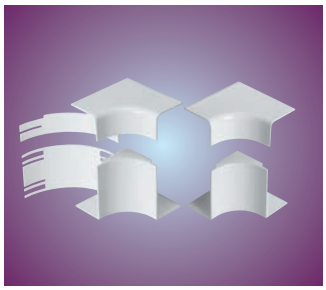


STERLING COMPACT DATA PVC-U continued



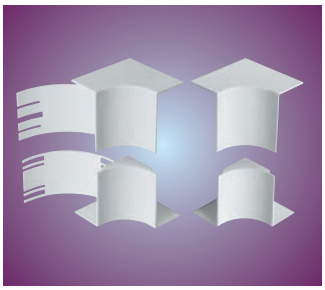
Internal Bend – Compact 1

Prod Code		Pack
ELIBCD1WH	Assemblies	1
EIBCD1WH	Covers only	1



Internal Bend – Compact 2

Prod Code		Pack
ELIBCD2WH	Assemblies	1
EIBCD2WH	Covers only	1

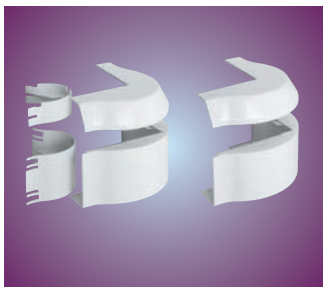


Internal Bend – Compact 3

Prod Code		Pack
ELIBCD3WH	Assemblies	1
EIBCD3WH	Covers only	1

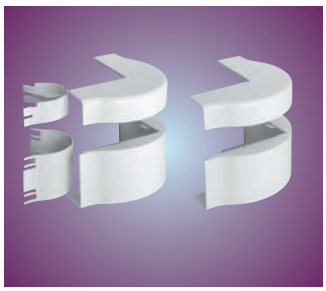
DATA INTERNAL BEND

Assemblies comprise of Covers and Radius Control Inserts.



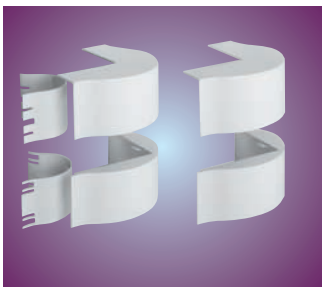
External Bend – Compact 1

Prod Code		Pack
ELOBCD1WH	Assemblies	1
EXBCD1WH	Covers only	1



External Bend – Compact 2

Prod Code		Pack
ELOBCD2WH	Assemblies	1
EXBCD2WH	Covers only	1



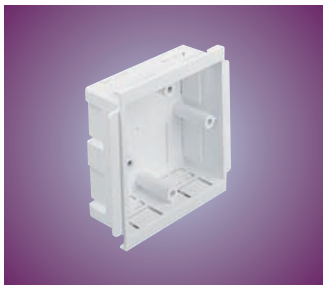
External Bend – Compact 3

Prod Code		Pack
ELOBCD3WH	Assemblies	1
EXBCD3WH	Covers only	1

DATA EXTERNAL BEND

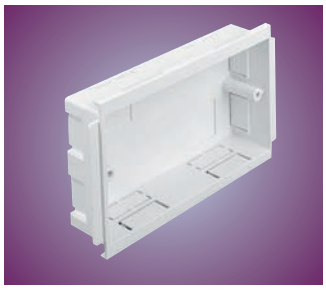
Assemblies comprise of Covers and Radius Control Inserts.

BOXES



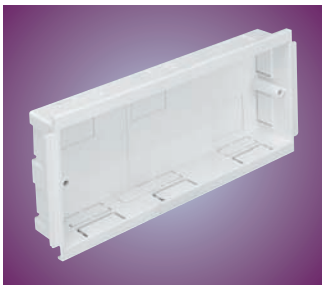
Single Gang Accessory Box

Prod Code	Depth	Pack
ESSB1WH	30mm	20



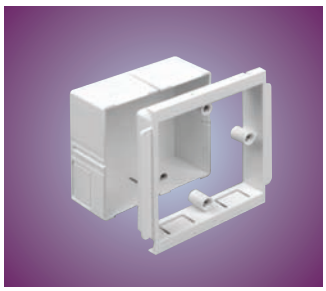
Twin Gang Accessory Box

Prod Code	Depth	Pack
ESSB2WH	30mm	10



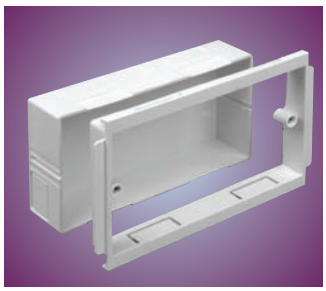
Triple Gang Accessory Box

Prod Code	Depth	Pack
ESSB3WH	30mm	4



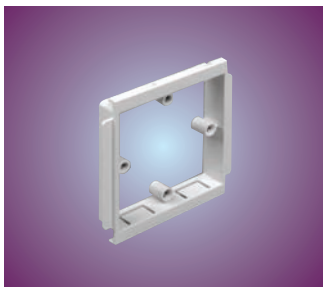
Single Gang Adjustable Accessory Box

Prod Code	Depth	Pack
EAB1WH	32– 40mm	5



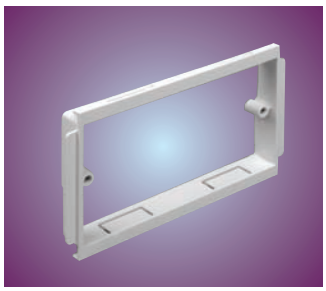
Twin Gang Adjustable Accessory Box

Prod Code	Depth	Pack
EAB2WH	32–40mm	5



Single Gang Accessory Plate

Prod Code	Pack
ESSP1WH	10



Twin Gang Accessory Plate

Prod Code	Pack
ESSP2WH	5

Angled Accessory Box

Prod Code	Depth	Pack
EAAB10WH	28mm	5

For use with ETAC1WH Angled Cover only.

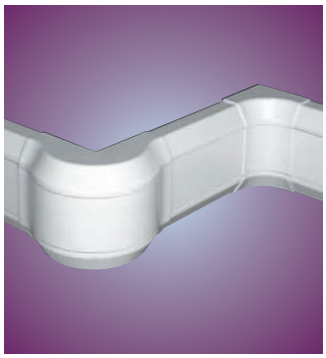
Angled Accessory Box

Prod Code	Depth	Pack
EAAB20WH	28mm	5

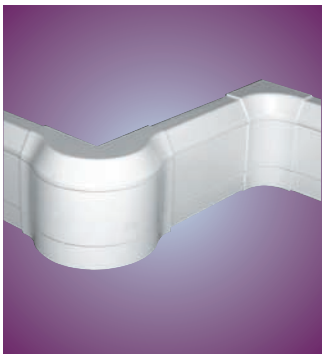
For use with ETAC1WH Angled Cover only.

STERLING PROFILE DATA PVC-U

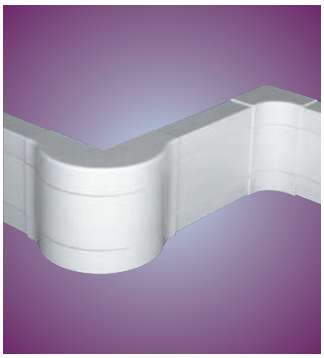
Sterling Profile Data is ideal for enabling the transportation of data, communication and power. The range of moulded fittings include internal and external bends which feature a large bend radius for optimum performance of cable control.



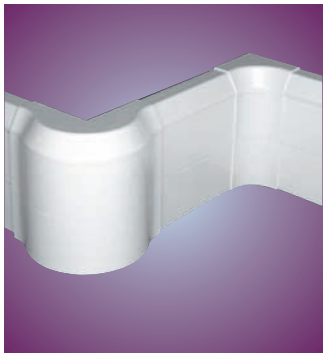
Profile 1
Size: 167 x 50mm



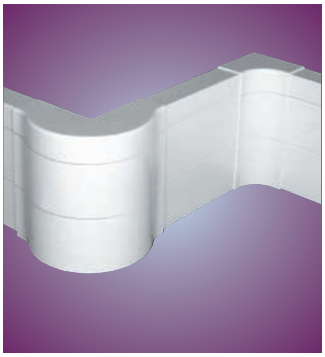
Profile 2
Size: 167 x 50mm



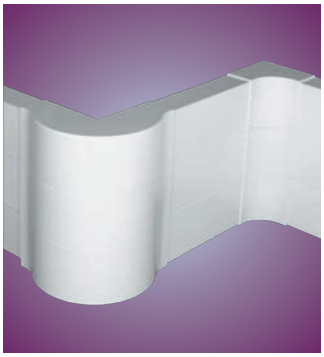
Profile 3
Size: 167 x 50mm



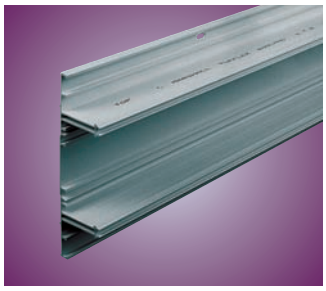
Profile 4
Size: 218 x 50mm



Profile 5
Size: 218 x 50mm



Profile 6
Size: 269 x 50mm

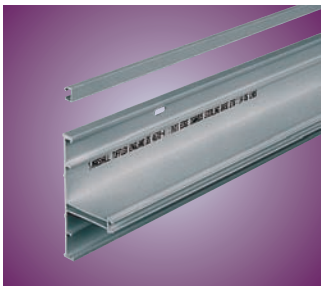


Base Unit

Prod Code	Pack
ETB1	4 x 3m

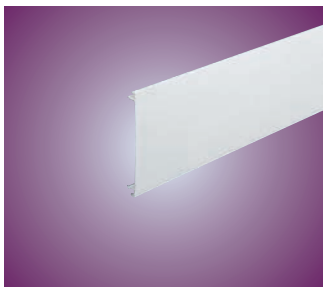
Base Extension

Prod Code	Pack
EBE1WH	4 x 3m



Extendable Base

Prod Code	Pack
EEB1	4 x 3m



Main Compartment Lid

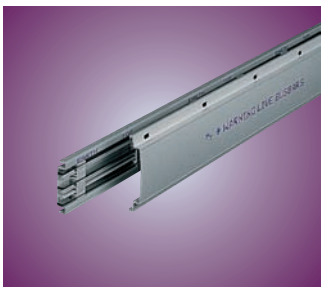
Prod Code	Pack
ETL1WH	8 x 3m

Angled Cover

Prod Code	Pack
ETAC1WH	8 x 3m

Square Cover

Prod Code	Pack
ETSC1WH	8 x 3m



Busbar Assembly

Prod Code	Pack
GRA1	1 x 3m

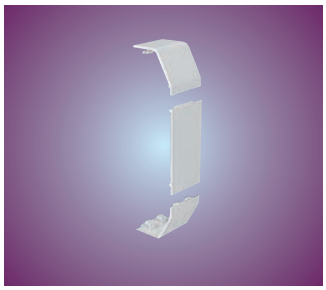
FOR STERLING PROFILE ALUMINIUM SEE PAGES 159 TO 164

FOR THE FULL RANGE OF PVC-U STERLING PROFILE SEE PAGES 32 TO 46

Colour Code Suffix
Please replace the last two letters with those detailed below.

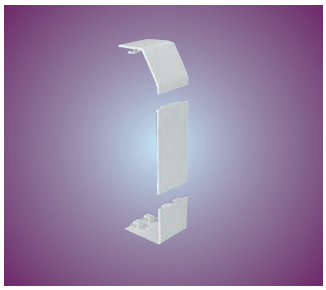
Code	Colour	Code	Colour
WH	White	CH	Charcoal
LG	Light Grey	LO	Light Oak
BG	Beige	MY	Mahogany
BN	Brown	EY	Ebony

STERLING PROFILE DATA PVC-U continued



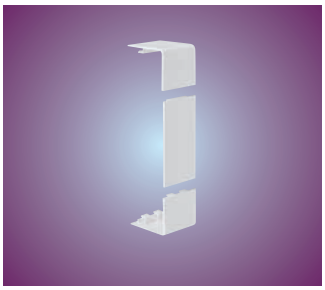
Coupler – Profile 1

Prod Code	Pack
ECP1WH	5



Coupler – Profile 2

Prod Code	Pack
ECP2WH	5

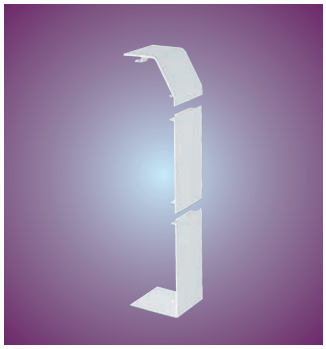


Coupler – Profile 3

Prod Code	Pack
ECP3WH	5

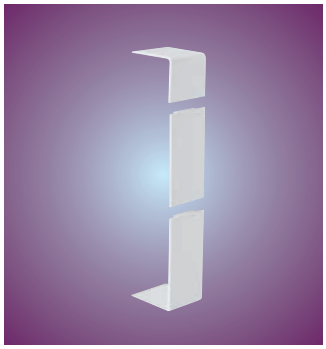
COUPLERS

Provide a neat finish when joining lengths of profile.



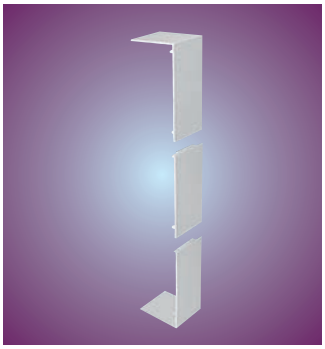
Coupler – Profile 4

Prod Code	Pack
ECP4WH	5



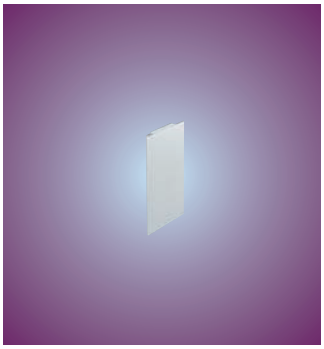
Coupler – Profile 5

Prod Code	Pack
ECP5WH	5



Coupler – Profile 6

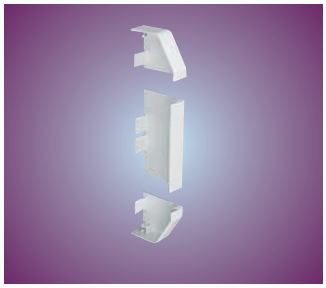
Prod Code	Pack
ECP6WH	5



Lid Coupler

Prod Code	Pack
ELC1WH	5

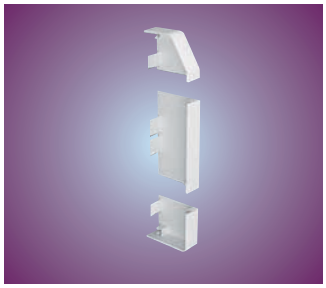
For use with EEB1 Base



End Cap – Profile 1

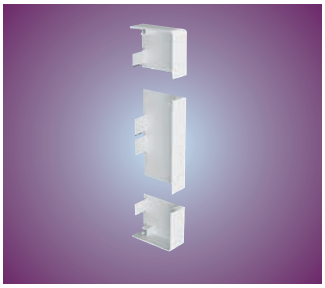
Prod Code	Pack
EECP1WH	5

Universal for both LH & RH



End Cap – Profile 2

Prod Code	Pack
EECP2LHWH (Left Hand)	5
EECP2RHWH (Right Hand)	5



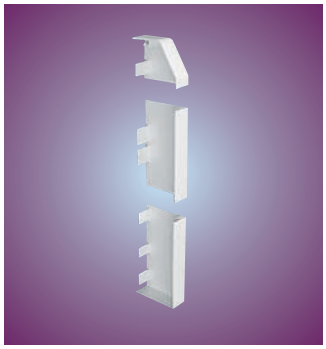
End Cap – Profile 3

Prod Code	Pack
EECP3WH	5

Universal for both LH & RH

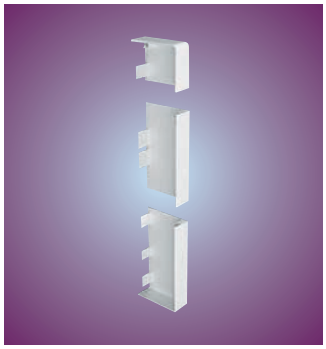
END CAPS

Provide a neat finish to a run of profile and prevent access to the unit.



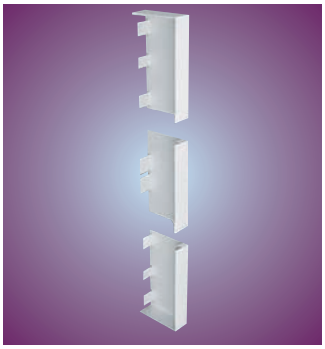
End Cap – Profile 4

Prod Code	Pack
EECP4LHWH (Left Hand)	5
EECP4RHWH (Right Hand)	5



End Cap – Profile 5

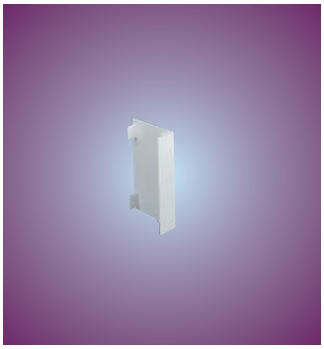
Prod Code	Pack
EECP5LHWH (Left Hand)	5
EECP5RHWH (Right Hand)	5



End Cap – Profile 6

Prod Code	Pack
EECP6WH	5

Universal for both LH & RH



Lid End Cap

Prod Code	Pack
ELEC3WH	1

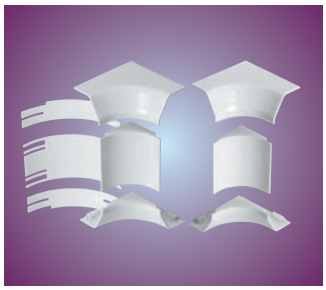
For use with EEB1 Base

All moulded fittings come with a generous overlap to accommodate slight cutting inaccuracies.

STERLING PROFILE DATA PVC-U continued

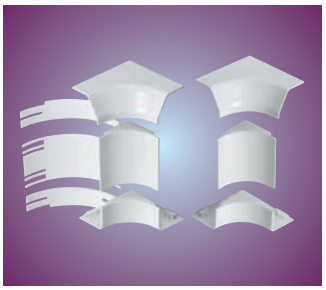
DATA INTERNAL BENDS

Assemblies comprise of Covers and Radius Control Inserts.



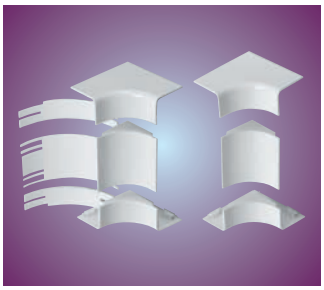
Internal Bend – Profile 1

Prod Code		Pack
ELIBD1WH	Assemblies	1
EIBD1WH	Covers only	1



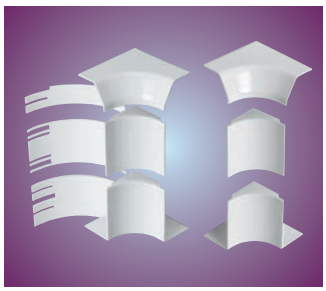
Internal Bend – Profile 2

Prod Code		Pack
ELIBD2WH	Assemblies	1
EIBD2WH	Covers only	1



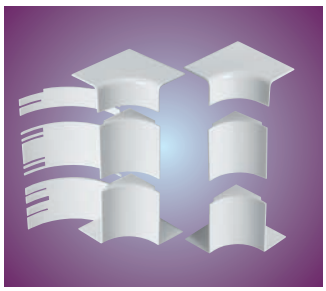
Internal Bend – Profile 3

Prod Code		Pack
ELIBD3WH	Assemblies	1
EIBD3WH	Covers only	1



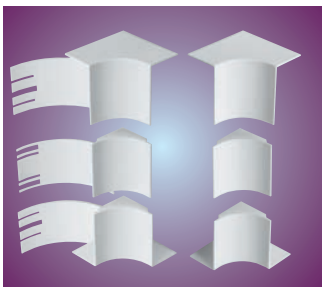
Internal Bend – Profile 4

Prod Code		Pack
ELIBD4WH	Assemblies	1
EIBD4WH	Covers only	1



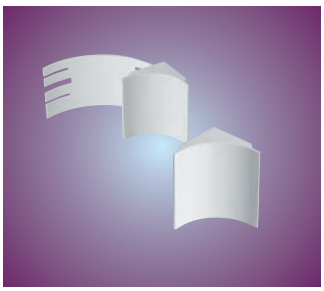
Internal Bend – Profile 5

Prod Code		Pack
ELIBD5WH	Assemblies	1
EIBD5WH	Covers only	1



Internal Bend – Profile 6

Prod Code		Pack
ELIBD6WH	Assemblies	1
EIBD6WH	Covers only	1



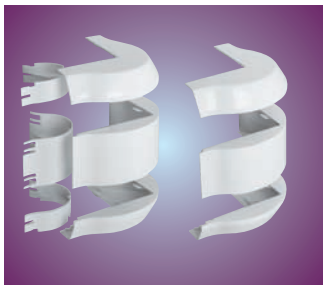
Lid Internal Bend

Prod Code		Pack
ELIBD10WH	Assemblies	1
EIBD10WH	Covers only	1

For use with EEB1 Base.

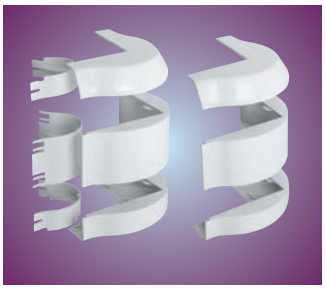
DATA EXTERNAL BENDS

Assemblies comprise of Covers and Radius Control Inserts.



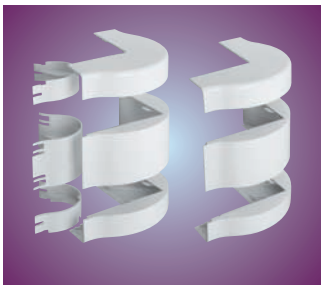
External Bend – Profile 1

Prod Code		Pack
ELOBD1WH	Assemblies	1
EXBD1WH	Covers only	1



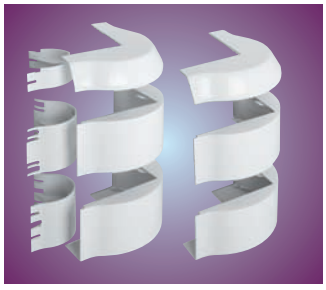
External Bend – Profile 2

Prod Code		Pack
ELOBD2WH	Assemblies	1
EXBD2WH	Covers only	1



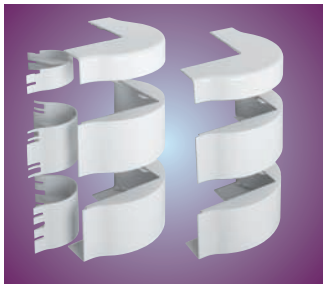
External Bend – Profile 3

Prod Code		Pack
ELOBD3WH	Assemblies	1
EXBD3WH	Covers only	1



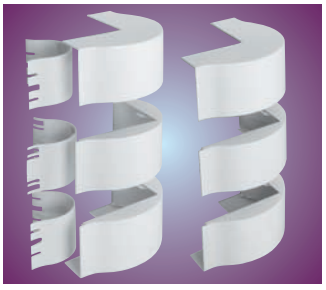
External Bend – Profile 4

Prod Code		Pack
ELOBD4WH	Assemblies	1
EXBD4WH	Covers only	1



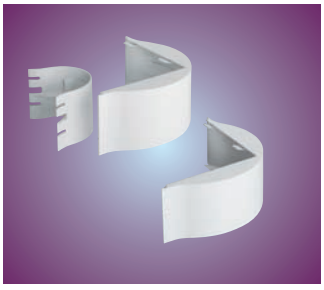
External Bend – Profile 5

Prod Code		Pack
ELOBD5WH	Assemblies	1
EXBD5WH	Covers only	1



External Bend – Profile 6

Prod Code		Pack
ELOBD6WH	Assemblies	1
EXBD6WH	Covers only	1



Lid External Bend

Prod Code		Pack
ELOBD10WH	Assemblies	1
EXBD10WH	Covers only	1

For use with EEB1 Base.

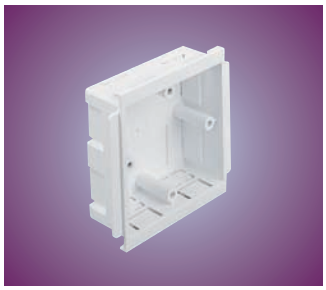
Colour Code Suffix
Please replace the last two letters with those detailed below.

Code	Colour	Code	Colour
WH	White	CH	Charcoal
LG	Light Grey	LO	Light Oak
BG	Beige	MY	Mahogany
BN	Brown	EY	Ebony

All moulded fittings come with a generous overlap to accommodate slight cutting inaccuracies.

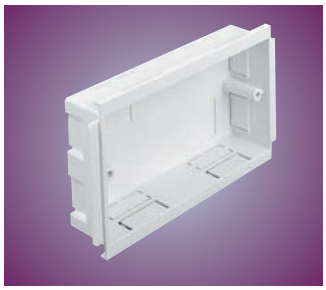
STERLING PROFILE DATA PVC-U continued

BOXES



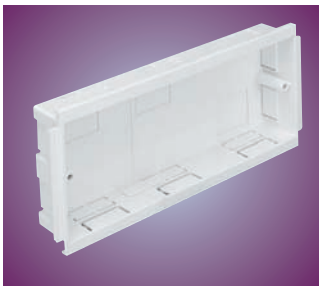
Single Gang Accessory Box

Prod Code	Depth	Pack
ESSB1WH	30mm	20



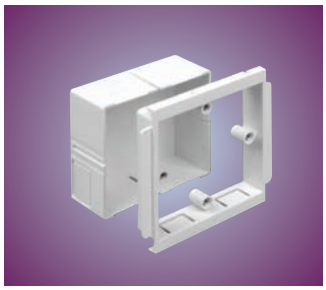
Twin Gang Accessory Box

Prod Code	Depth	Pack
ESSB2WH	30mm	10



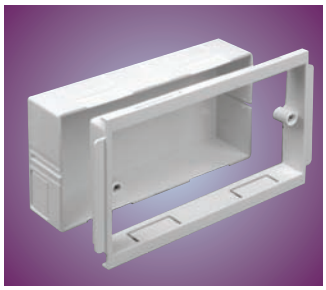
Triple Gang Accessory Box

Prod Code	Depth	Pack
ESSB3WH	30mm	4



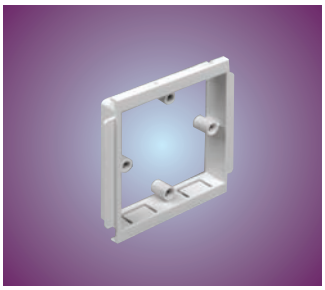
Single Gang Adjustable Accessory Box

Prod Code	Depth	Pack
EAB1WH	32– 40mm	5



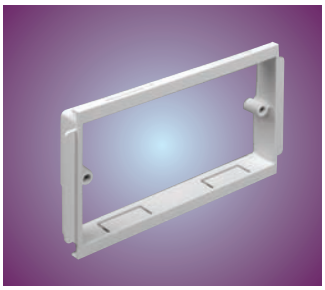
Twin Gang Adjustable Accessory Box

Prod Code	Depth	Pack
EAB2WH	32–40mm	5



Single Gang Accessory Plate

Prod Code	Pack
ESSP1WH	10



Twin Gang Accessory Plate

Prod Code	Pack
ESSP2WH	5

Single Gang Angled Accessory Box

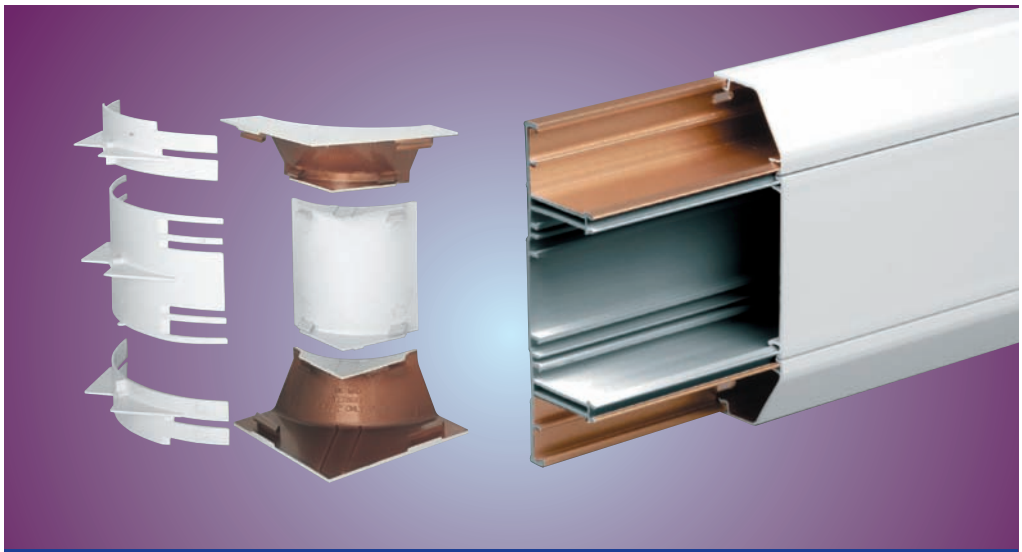
Prod Code	Depth	Pack
EAAB10WH	28mm	5

For use with ETAC1WH Angled Cover only.

Twin Gang Angled Accessory Box

Prod Code	Depth	Pack
EAAB20WH	28mm	5

For use with ETAC1WH Angled Cover only.



FOR STERLING PROFILE ELECTROMAGNETIC SHEILDING SEE PAGES 42 TO 46

MAXI DATA PVC-U

Marshall-Tufflex have recognised the needs of data installers in the development of the Maxi Data System.

- **Slow angles with a generous radius for high performance cable.**
- **Tees and crossovers with gussetts to accommodate the greater radius.**
- **Single and double sets to clear obstacles.**

Maxi Trunking

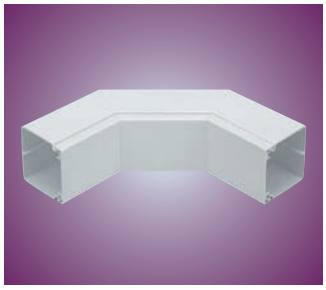
Prod Code	Size	Pack
MTRS50WH	50 x 50mm	8 x 3m

Maxi Trunking

Prod Code	Size	Pack
MTRS75WH	75 x 75mm	4 x 3m

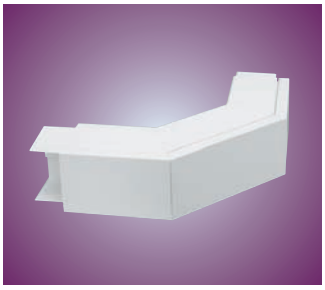
Maxi Trunking

Prod Code	Size	Pack
MTRS100WH	100 x 100mm	4 x 3m



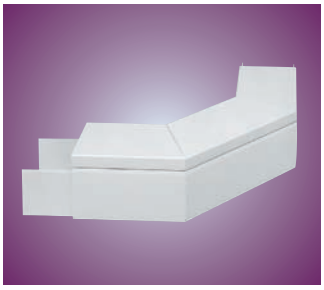
Internal Angle 90°

Prod Code	Size	Pack
TIAS50SBWH*	50 x 50mm	1
TIAS75SBWH*	75 x 75mm	1
TIAS100SBWH*	100 x 100mm	1



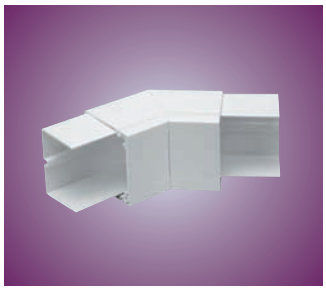
External Angle 90°

Prod Code	Size	Pack
TOAS50SBWH*	50 x 50mm	1
TOAS75SBWH*	75 x 75mm	1
TOAS100SBWH*	100 x 100mm	1



Flat Angle 90°

Prod Code	Size	Pack
TFAS50SBWH*	50 x 50mm	1
TFAS75SBWH*	75 x 75mm	1
TFAS100SBWH*	100 x 100mm	1



Internal Angle 135°

Prod Code	Size	Pack
TIAS50SHABWH*	50 x 50mm	1
TIAS75SHABWH*	75 x 75mm	1
TIAS100SHABWH*	100 x 100mm	1

External Angle 135°

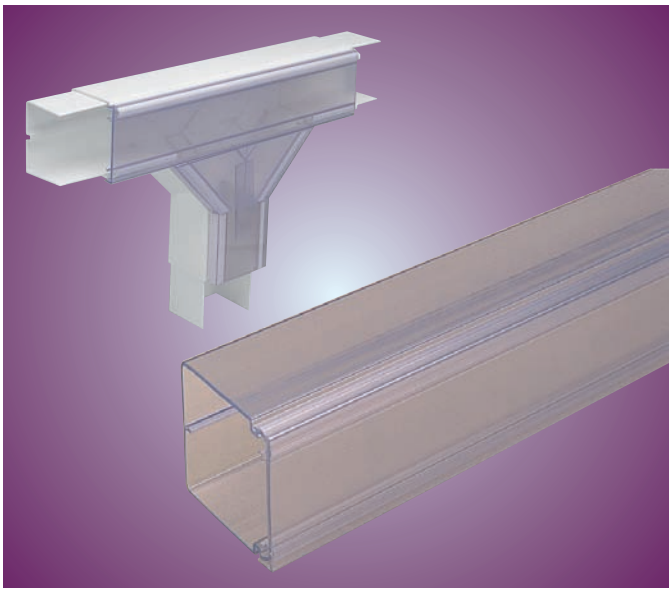
Prod Code	Size	Pack
TOAS50SHABWH*	50 x 50mm	1
TOAS75SHABWH*	75 x 75mm	1
TOAS100SHABWH*	100 x 100mm	1

Flat Angle 135°

Prod Code	Size	Pack
TFAS50SHABWH*	50 x 50mm	1
TFAS75SHABWH*	75 x 75mm	1
TFAS100SHABWH*	100 x 100mm	1

Different discounts apply to the products on this page.

Clear Maxi Trunking is available.

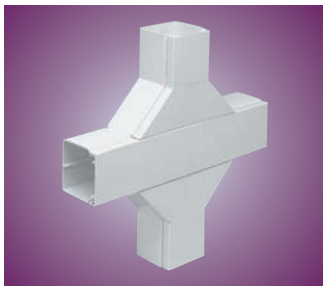


FOR THE FULL RANGE OF MAXI TRUNKING SEE PAGES 105 TO 109

MAXI DATA PVC-U continued

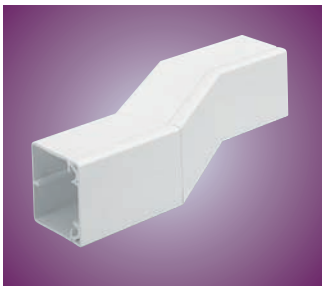
Flat Tee Gussetted

Prod Code	Size	Pack
TFTS50GTWH*	50 x 50mm	1
TFTS75GTWH*	75 x 75mm	1
TFTS100GTWH*	100 x 100mm	1



Flat Crossover Gussetted

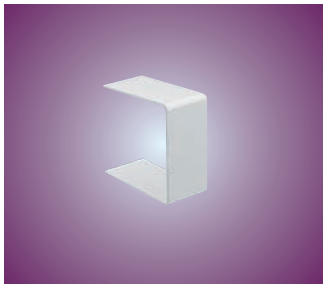
Prod Code	Size	Pack
TCUS50GTWH*	50 x 50mm	1
TCUS75GTWH*	75 x 75mm	1
TCUS100GTWH*	100 x 100mm	1



Single Set

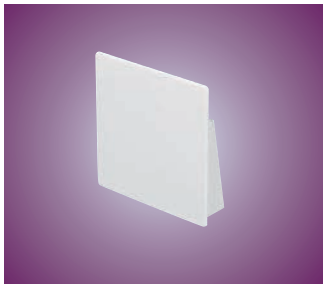
Prod Code	Size	Pack
TDSS50WH*	50 x 50mm	1
TDSS75WH*	75 x 75mm	1
TDSS100WH*	100 x 100mm	1

Different discounts apply to the products on this page.



External Couplers – Clip-on

Prod Code	Size	Pack
TCCS50WH	50 x 50mm	10
TCCS75WH	75 x 75mm	10
TCCS100WH	100 x 100mm	2

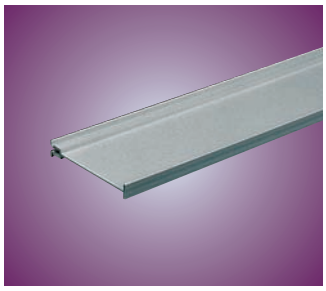


End Cap

Prod Code	Size	Pack
TECS50WH	50 x 50mm	10
TECS75WH	75 x 75mm	5
TECS100WH	100 x 100mm	5

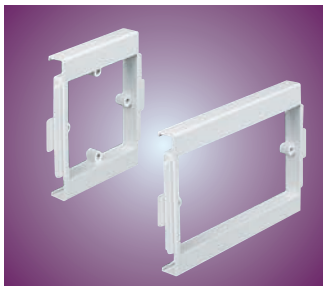
Cable Retainer

Prod Code	Size	Pack
TCRS50	50 x 50mm	10
TCRS75	75 x 75mm	10
TCRS100	100 x 100mm	10



Dividing Fillet

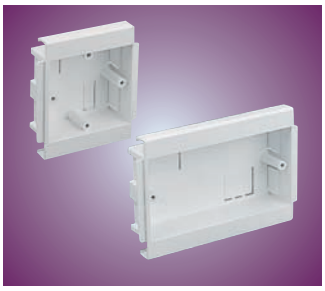
Prod Code	Size	Pack
MDFS50	50 x 50mm	10 x 3m
MDFS75	75 x 75mm	10 x 3m
MDFS100	100 x 100mm	10 x 3m



Accessory Plate

Prod Code	Size	Pack
MTSPS1WH	Single Gang	15
MTSPS2WH	Twin Gang	15

For MTRS100.



Accessory Box

Prod Code	Size	Pack
TSSO3WH†	Single Gang	20
TSSO4WH†	Twin Gang	10

For MTRS100.
†Internal depth 30mm

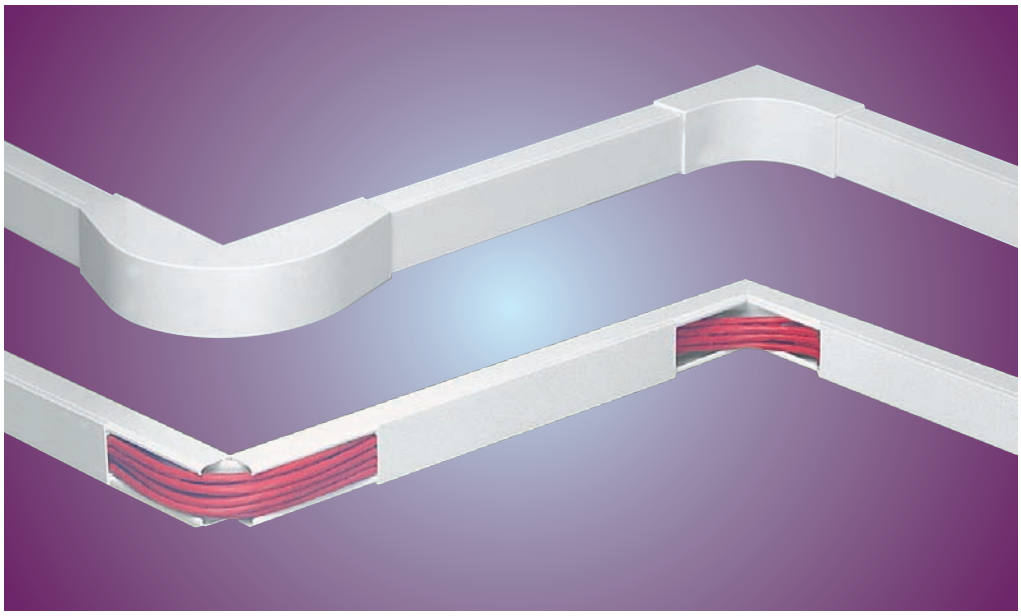
ADDITIONAL COMPONENTS

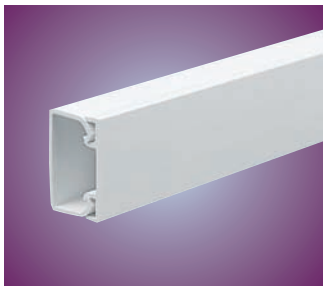
For Trunking Solvent Adhesive see page 125.

MINI 4 DATA PVC-U

The Mini 4 Data System uses specially designed internal and external bends, flat angles and tees that incorporate large bend radius control fittings crucial for good performance in Gigabit Ethernet and other advanced LAN technologies. Mini 4 is a totally integrated cabling solution for data cables.

- **Bends, angles and tees feature a bend radius of 50mm.**
- **Cable control performance exceeds the requirements of the TIA/EIA, ISO/IEC and CEN/CENELEC standards for Category 5e/class D, Category 6/ ClassE, Category 7/ClassF and Coax cables.**
- **Moulded fittings manufactured from either ABS or PVC-U with a tamper-resistant clip action.**
- **Available with Mini 2 Tee Adaptor to enable the use of standard accessory boxes.**
- **Tough enough to take up irregularities in wall and ceiling surfaces with ease.**



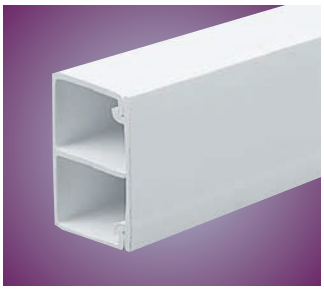


Mini 2 Trunking

Prod Code	Size	Pack
MMT2WH	25 x 16mm	30 x 3m

Mini 4 Trunking

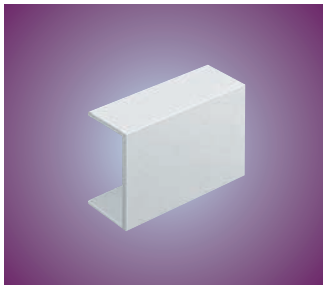
Prod Code	Size	Pack
MMT4WH	38 x 25mm	15 x 3m



Mini 4 Trunking

Prod Code	Size	Pack
MMT4CWH	38 x 25mm	15 x 3m

Suitable for cover fittings only

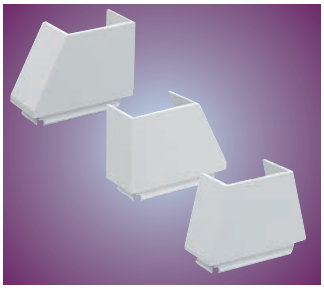


Coupler

Prod Code	Size	Pack
TC4WH	MMT4	25

End Cap

Prod Code	Size	Pack
TEC4WH	MMT4	30



Tappered Adaptor MMT2

Prod Code		Pack
TA3/2LHWH	Left Hand	20
TA3/2RHWH	Right Hand	20
TA3/2CWH	Centre	20

Square Corners: Accessory Box

Prod Code	Depth	Pack
MSSB116WH	Single 32mm	20
MSSB216WH	Twin 32mm	10

Entry for MMT3 LH, RH and Centre.

Radius Corners: Accessory Box

Prod Code	Depth	Pack
MSSB118WH	Single 32mm	20
MSSB218WH	Twin 32mm	10

Entry for MMT3 LH, RH and Centre.

MMT2 Accessory Boxes

Prod Code	Depth	Pack
MSSB15WH	Single 32mm	20
MSSB16WH	Twin 32mm	10

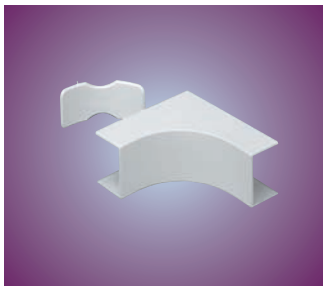
Available Autumn 2004.

MMT4 Accessory Boxes

Prod Code	Depth	Pack
MSSB37WH	Single 32mm	20
MSSB38WH	Twin 32mm	10

Available Autumn 2004.

MINI 4 DATA PVC-U continued

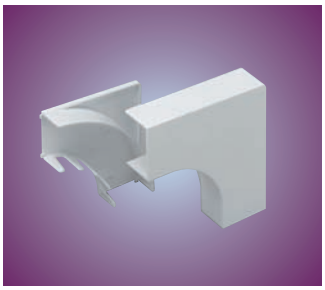


Internal Bend Assembly

Prod Code	Size	Pack
TIDB4WH*	MMT4	5

External Bend Assembly

Prod Code	Size	Pack
TEDB4WH*	MMT4	4



Flat Bend Assembly

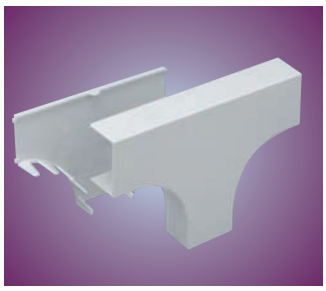
Prod Code	Size	Pack
TFDB4WH*	MMT4	5

ASSEMBLIES

Assemblies comprise of Covers and Radius Control Inserts.

Unequal Tee Assembly

Prod Code	Size	Pack
TDT4-2WH*	MMT4/MMT2	5



Equal Tee Assembly

Prod Code	Size	Pack
TDT4-4WH*	MMT4	5

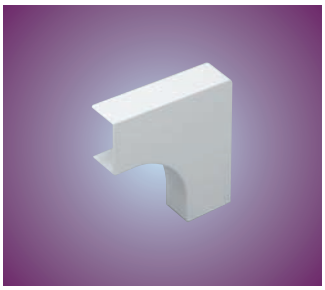
COVERS ONLY

Internal Bend Cover

Prod Code	Size	Pack
TIDB4CWH*	MMT4	5

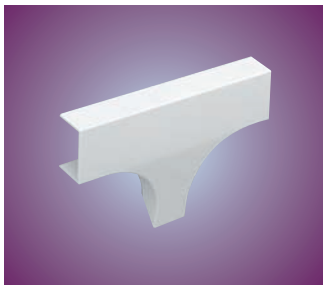
External Bend Cover

Prod Code	Size	Pack
TEDB4CWH*	MMT4	5



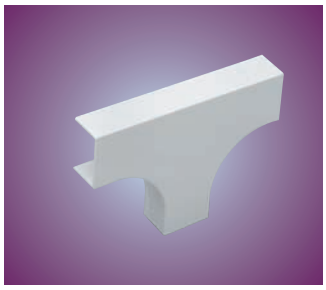
Flat Bend Cover

Prod Code	Size	Pack
TFDB4CWH*	MMT4	5



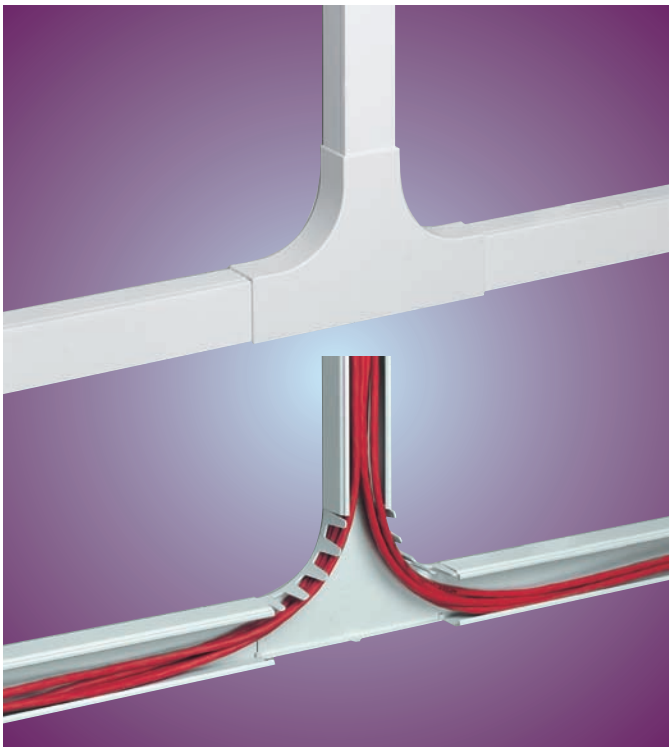
Unequal Tee Cover

Prod Code	Size	Pack
TDT4-2CWH*	MMT4/MMT2	5



Equal Tee Cover

Prod Code	Size	Pack
TDT4-4CWH*	MMT4	5



***Different discounts apply to the moulded products on this page.**

SELF FIXING MINI-TRUNKING

Prod Code	Size	Pack
MMT2SFWH	25 x 16mm	30 x 3m
MMT4SFWH	38 x 25mm	15 x 3m

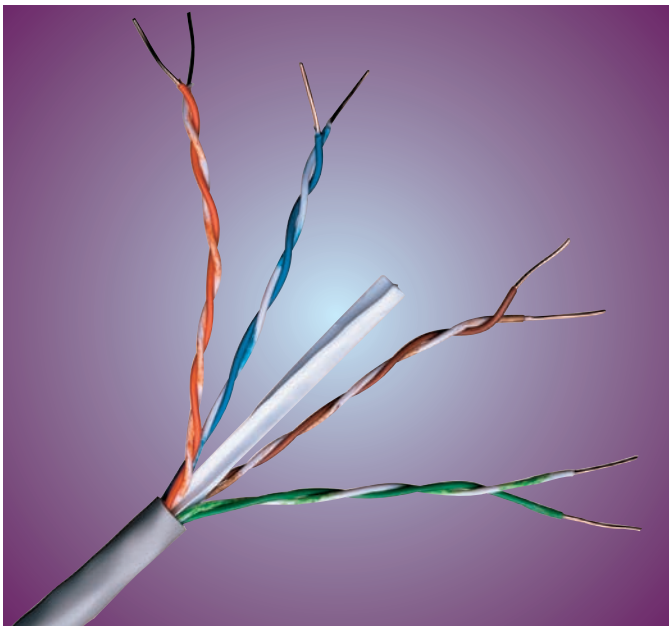
STRUCTURED CABLING SYSTEM

CAT. 5E AND 6 STRUCTURED CABLING SYSTEM

A comprehensive range of structured cabling solutions that deliver both Cat 5e and Cat 6 for the work area.

- **Designed and manufactured using technologically advanced network analysis equipment.**
- **Products can support very high speed protocols.**
- **Colour coding for quick and accurate terminations.**

connectix
CABLING SYSTEMS



UTP 4 Pair Cable

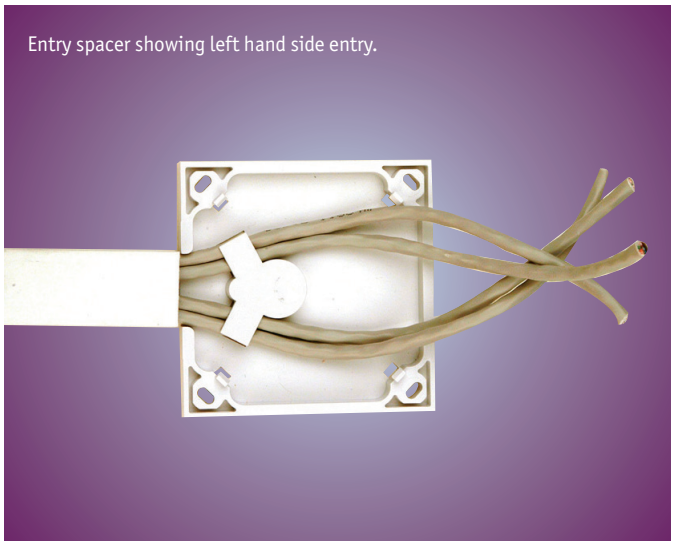
Prod Code	Description	Pack
100300500	Cat. 5e Solid Cable	305m box
100300560	Cat. 5e LSZH Solid Cable	305m box
100300162	Cat. 6 Solid Cable	305m box
100300363	Cat. 6 LSZH Solid Cable	305m box

Every box of cable is individually compliance tested in the UK.

Patch Lead Booted UTP

Prod Code	Description	Pack
33NB401001B	1.0m	1
33NB402001B	2.0m	1
33NB403001B	3.0m	1
33NB404001B	4.0m	1
33NB405001B	5.0m	1
330000501	Cat. 5e 0.5m	1
330001001	Cat. 5e 1.0m	1
330002001	Cat. 5e 2.0m	1
330003001	Cat. 5e 3.0m	1
330004001	Cat. 5e 4.0m	1
330005001	Cat. 5e 5.0m	1
330205001	Cat. 6 0.5m	1
330201001	Cat. 6 1.0m	1
330202001	Cat. 6 2.0m	1
330203001	Cat. 6 3.0m	1
330204001	Cat. 6 4.0m	1
330205001	Cat. 6 5.0m	1

Colour code suffix: Replace last bold digit with the following:
1 - Grey; **2** - White; **3** - Blue; **4** - Green; **5** - Red; **6** - Yellow; **7** - Orange; **8** - Purple; **9** - Black.



Entry spacer showing left hand side entry.

STRUCTURED CABLING SYSTEM continued

RJ45 Module

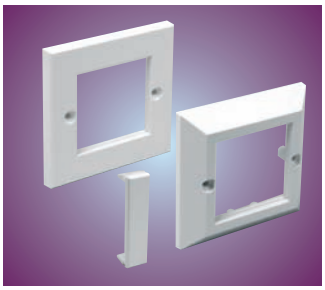
Prod Code	Description	Pack
800100125	Cat. 5e	1
800100135	Cat 6	1

Minimum depth 35mm.

RJ45 25 x 50mm Modular Low Profile

Prod Code	Description	Pack
800100109	Cat. 5e	1

Minimum depth 25mm.

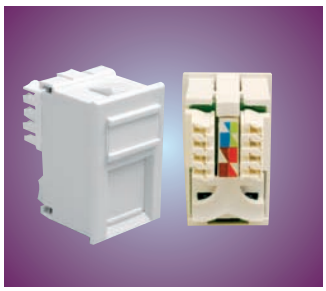


Single Gang 2 x 25 x 50mm

Prod Code	Description	Pack
800100206	Standard	1
800100208	Bevelled	1
800100405	¼ Blank	1

Twin Gang 4 x 25 x 50mm

Prod Code	Description	Pack
800100306	Standard	1
800100209	Bevelled	1
800100405	¼ Blank	1



RJ45 6c Module 22.3 x 37mm

Prod Code	Description	Pack
800100120	Cat. 5e	1
800100114	Cat. 6	1

Minimum depth 35mm.

Single Gang 2 x 6c

Prod Code	Description	Pack
800900200	Standard	1
800100407	6c Blank	1

Twin Gang 4 x 6c

Prod Code	Description	Pack
800900400	Standard	1
800100407	6c Blank	1

Shuttered Top Entry

Prod Code	Description	Pack
800101005	Cat. 5e	1
800101001	Cat. 6	1

Vertical Top Entry

Prod Code	Description	Pack
800101101	Cat. 5e	1

4-WAY WALL OUTLETS

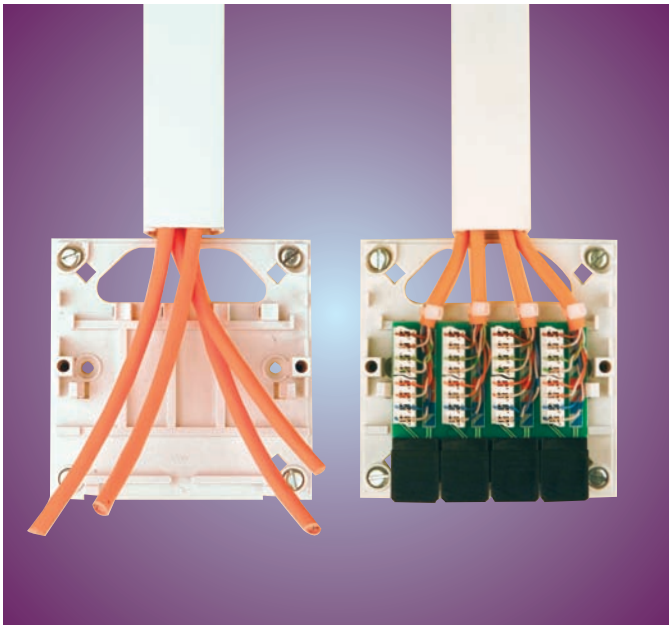
Tamper Proof Vertical Top Entry

Prod Code	Description	Pack
800101201	Cat. 5e	1

Entry Spacer/Assessory Box Adaptor

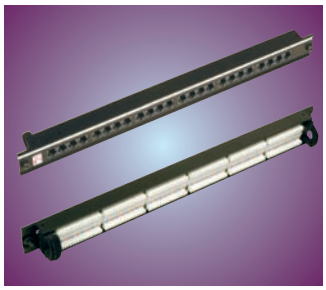
Prod Code	Pack
800101301	1

Enables incoming from any side.



STRUCTURED CABLING SYSTEM continued

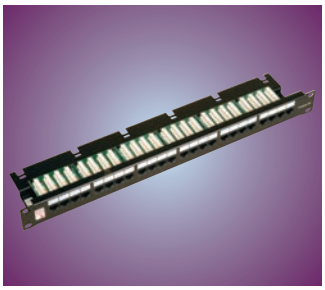
PATCH PANEL ACCESSORIES



High Density Patch Panels

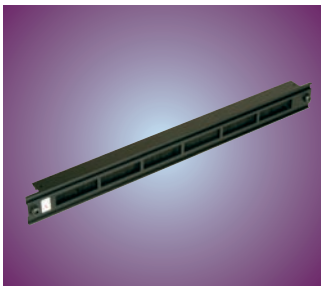
Prod Code	Description	Pack
900100420	24-Way Cat. 5e	1
900100520	48-Way Cat. 5e	1
900100430	24-Way Cat. 6	1
900100530	48-Way Cat. 6	1

With cable ring slots.



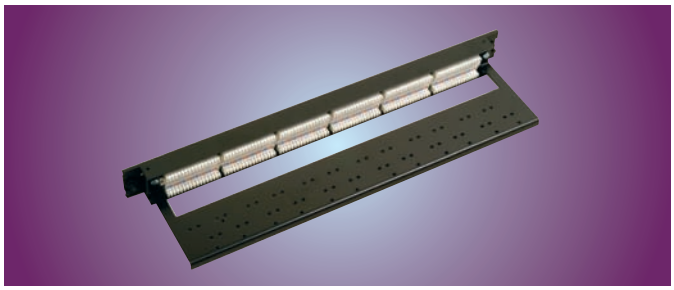
Enhanced Net 5 20/20 24 Way UTP RJ45 Panel

Prod Code	Pack
900100101	1

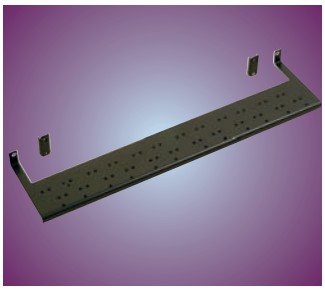


19" Brush Strip Panel

Prod Code	Pack
900103000	1



High Density Patch Panel fitted with Cable Management Tray.

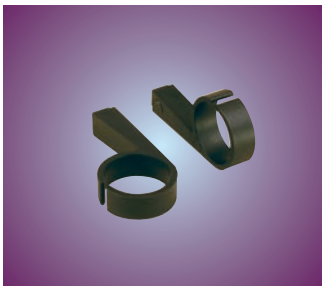


Cable Management Tray High Density

Prod Code	Pack
900100810	1

Cable Ring Panel + 4 Rings

Prod Code	Pack
900102104	1



Cable Tidy Rings Standard

Prod Code	Pack
900102004	4
900102020	20

Available in various colours

Cable Tidy Rings Large

Prod Code	Pack
900102204	4
900102220	20

Available in various colours

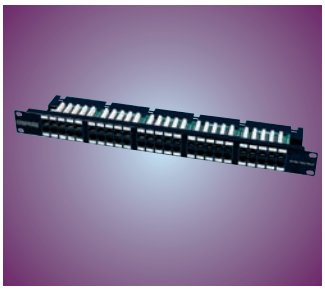
STRUCTURED CABLING SYSTEM continued

WALL MOUNTING CABINETS

- Lockable glass front door.
- Fully assembled.
- Adjustable mounting posts.
- Gland plate top and bottom.
- Ventilation slots in side panels.

Wall Mounting Cabinets

Prod Code	Description	Pack
900000406P	6u	1
900000409P	9u	1
900000412P	12u	1
900000415P	15u	1



VOICE CABLING

High Density 50 Port 19" Voice Panel 1u

Prod Code	Pack
900100210	1

Installation Tool Kit
Consisting of: Zip Case, Tester, Screwdriver 5mm blade and No 2 Posidrive, Side Cutters 125mm Cable Stripper, IDC Punchdown Tool.

Prod Code	Pack
A01200100	1

TOOLS

Tester
Battery operated. Cable connection verifier. Test for cross pair, short circuits and indicates shared connection.

Prod Code	Pack
A20000100	1

Cable StripperBi-Directional

Prod Code	Pack
A01200400	1

Max insulation thickness 0.5mm.

IDC Punchdown Tool

Prod Code	Pack
A00700301	1

Including removal tool.

DATA MANAGEMENT SYSTEMS

All Bends, Angles and Tees come with Installation Instructions

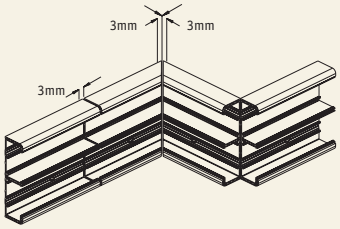
STERLING TWIN PLUS

Sterling Twin Plus provides a fully integrated solution for the installation of high performance data and power cables in perimeter locations. The system has an extensive range of moulded fittings that incorporate a large 50mm bend radius control that is crucial to optimum cable performance.

POSITIONING
When using as a skirting system, sufficient clearance should be allowed for between the floor covering and the trunking (5mm + floor covering).

INSTALLATION
PVC-U: The Sterling Twin Plus PVC-U base is supplied with pre-cut elongated holes at 250mm centres along its length to facilitate fastening. It should be secured at 500mm intervals and within 50mm of the end on each base section.
Aluminium: Sterling Twin Plus aluminium base should be secured every 750mm utilising the grooves in the base to facilitate the drilling of 6mm clearance holes.
Internal couplers are not required on either PVC-U or aluminium base units.
When securing the base, use No. 8 round head screws and washers and avoid over-tightening to permit thermal movement. It is recommended that the use of plastic caps over screw heads to provide protection to the installed cables.
To cut the trunking base, use a fine-toothed saw or power tool. An electric variable angle jigsaw will also aid with the cutting to length and the 45-degree mitre.

JOINTS AND BENDS
At each joint, 3mm should be left for expansion. Internal bends must be mitred to ensure total enclosure of trunking. External bends should be cut square, flat bends must be mitred at 45 degrees, tees and crossovers are available pre-fabricated from the Sterling Twin Plus Range of fittings. None of the cutting is critical as the external moulded clip-on fittings have a built-in 7mm overlap for the lid and sidewalls to cover any inaccuracies.



SINGLE LENGTHS
Where it is required to fit a single length of trunking between two inside walls (under 3metres), it is advisable to place an additional coupler set in the centre of the trunking run in order to facilitate the removal of the cover if no accessory has been fitted.

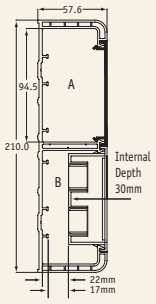
MMT2/MMT4 ADAPTORS
Adaptors are available from the Sterling Twin Plus range of fittings. Two methods of fixing are as follows:
1. drill a suitable hole in the sidewall of the Sterling Twin Plus base, thread cables through the hole and into the installed Mini Trunking.
2. cut the sidewall of the Sterling Twin Plus base to aid cable installation.

BUSBAR ASSEMBLY
Upgrades the trunking to a 63A Busbar distribution system. Can be fitted in either compartment of the base. See page 213 for details.

ACCESSORY BOXES
Drill the main web if the acessory box is to be mounted in the alternative compartment to the supply. For boxes in the same compartment supply, remove the appropriate box knock-outs, feed the cable into box and then clip the box into trunking base. When assembled, the lid is butt joined to the edge of the box (ESSB1/2/3 only) which is subsequently covered when the accessory is fitted. When boxes are installed consecutively, a 14mm wide spacer (ES1) is required to cover the space between the boxes. All cut edges of lid are concealed by the accessory or external fitting.

LID AND FITTINGS
Install radius inserts according to instructions supplied with the individual fitting.
When the cable installation is completed, start at a convenient point and snap-clip the lid and fitting alternately into place. Ensure the fitting overlaps the lid completely.

DIMENSIONS AND CABLE CAPACITIES



STERLING TWIN PLUS
A = 4755 sq mm
45% space factor
2140 sq mm.
B = 2431 sq mm
45% space factor
1094 sq mm.

Type of Conductor	Size	Cable Factor	Max. No. Cables in A @ 45% Fill	Max No. Cables in B @ 45% Fill
Stranded PVC Power	1.5mm²	8.6	248	127
Stranded PVC Power	2.5mm²	12.6	169	86
Stranded PVC Power	4.0mm²	16.6	128	65
Stranded PVC Power	6.0mm²	21.2	100	51
Cat. 5e UTP	ø5.5mm*	30.2	70	36
Cat. 5e STP	ø6.0mm*	36.0	59	30
Cat. 6 UTP	ø6.5mm*	42.2	50	25
Cat. 6 STP	ø7.0mm*	49.0	43	22

*Typical values, check with manufacturer.

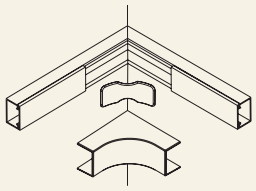
MINI 4 DATA

RADIUS CONTROL MINI FITTINGS
Radius Control Mini Fittings are designed to incorporate a large 50mm bend radius. This extensive range of stylish moulded fittings provides the exceptional data cabling control that is crucial to good performance in advanced LAN's and greatly improves security to surface data cables. Marshall-Tufflex Data Mini Fittings offer an efficient and economical solution to data cable management.
Two versions are available. The first offers complete control of the cable. The second, using the outer cover only, is aesthetically identical but does not offer the same level of cable control. Both versions can be used on new applications or, with small adaptations, to retrofit current installations.

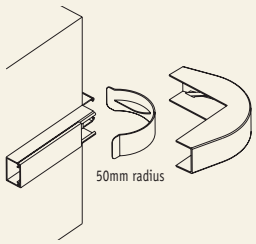
INSTALLATION
Before installing the trunking, confirm the route of the main circuits, marking spurs and accessory box positions.

MOUNTING TRUNKING
Drill oversize holes and secure (at least every 375mm in low level applications) usingNo.8 round head screws. Do not over-tighten to allow thermal movement. (For thermal properties, see Material Data page)
It is recommended that the use of plastic caps over screw heads to provide protection to the installed data cables.

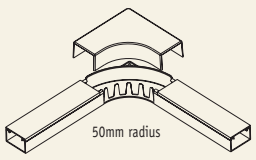
JOINTS
At each joint, 3mm should be left for expansion. Internal bends must be mitred to ensure total enclosure of trunking.

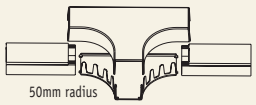


External bends should be cut square with the corner.



At flat angles and tees, allowance should be made for the base moulding (assembly only) in the length of trunking base to be installed.





The cutting is not critical as the clip-on fittings have a built-in overlap for lids and sidewalls.

LID
When base and cable installation is completed, start at a convenient point and snap-clip the lid and fitting alternately into place. Ensure the fitting overlaps the lid completely.

ACCESSORY BOXES
Select the appropriate box and remove the required knock-out, cleaning any burrs from around aperture. Snap adaptor into position on the box and place into position. Ensure trunking seats securely into adaptor. Secure the box using diagonally opposite fixing holes with No.8 countersunk screws.