



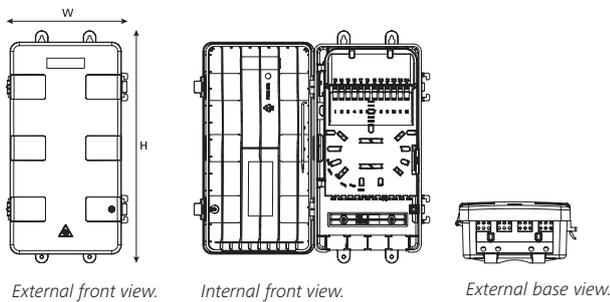
AFN - Aerial Fibre Node

Fibre Optic External Enclosure

The AFN has been designed for deployment within the last mile of the FTTx network. This enclosure can be used within a P2P (Point to Point) or P2MP (Point to Multi Point) network with the addition of connectorised PLC splitters or pigtails and adaptors.

Features and benefits

- Maximum capacity 24 LC / SC Simplex Adaptors
- 4 Inbound/24 Outbound ports
- Separation of inbound fibre from connectorised drop cables
- Maximum of 48 3A splices
- Positive fibre management to maintain consistent 30mm minimum bend
- PLC splitter accommodation (60mm x 7mm x 4mm)
- IP55 and IK08 rating
- Pole or building/facade mounted



Internal view of the AFN Aerial Fibre Node.



Internal view of the AFN Aerial Fibre Node.



External view of the AFN Aerial Fibre Node.

Technical Description

The AFN is manufactured from a UV stable black polycarbonate with a detachable lid allowing unrestricted access to all fibre management areas. The enclosure has 3 separate management areas for inbound cable, fibre splice management and drop cable management. The inbound cable management area has a dedicated cable entry port with loop storage capacity.

The fibre splice management area has capacity for a maximum of 48 x 3A splices and maintains positive fibre management throughout.

The drop cable management area presents 24 LC Simplex adaptors

for connection to industry standard pre-terminated drop cables and a maximum of 6 PLC splitters can be fitted on the inside of the management area.

The drop cable management area cover prevents access to the network cables and splicing area and the adaptors are angled to allow for inspection prior to connection. The 12 anchor points secure the drop cables and an integral seal maintains the IP55 rating.

Other incoming and drop seal ranges are available on request for more information please contact the sales team.

TYPE	Height (H)	Width (W)	Depth (D)	Max. Cable Diameter Ø		Splice Protector Type	Pigtail or Splitter	Connector Type	Article-No.
				Incoming	Drop Cable				
AFN-9999LCRXXX1/BK	342	177	90	7	4	3A	-	LC-APC	857-01537
AFN-9999LCPXXX1/BK								LC	857-01538
AFN-9999LCRS381/BK							3 x 1:8	LC-APC	857-01541
AFN-9999LCRS641/BK							6 x 1:4		857-01547
AFN-9999LCRP241/BK							24 x Pigtails	LC	857-01548
AFN-9999LCP5381/BK							3 x 1:8		857-01618
AFN-9999LCP5641/BK							6 x 1:4		857-01619
AFN-9999LCP241/BK							24 x Pigtails	SC-APC	857-01620
AFN-9999SCTXXX1/BK							-		857-01631
AFN-9999SCPXXX1/BK							-	SC	857-01632
AFN-9999SCTS381/BK							3 x 1:8	SC-APC	857-01635
AFN-9999SCTS641/BK							6 x 1:4		857-01641
AFN-9999SCTP241/BK							24 x Pigtails		857-01642
AFN-9999SCSS381/BK							3 x 1:8	SC	857-01645
AFN-9999SCSS641/BK							6 x 1:4		857-01651
AFN-9999SCSP241/BK							24 x Pigtails		857-01652

All dimensions in mm. Subject to technical changes.



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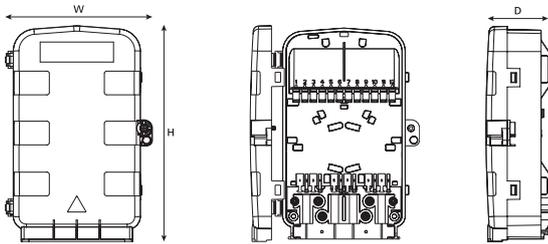
FFE - Fibre Facade Enclosure

Fibre Optic External Enclosure

The FFE has been designed to provide a Fibre Connection Point. The closure can be building/facade or pole mounted and provides 12 SC or LC Simplex customer connection points.

Features and benefits

- Maximum capacity: 12 SC or LC Simplex Adaptors
- 2 Inbound / 12 Outbound ports
- Separation of inbound fibre from connectorised drop cables
- Positive fibre management to maintain consistent 30mm minimum bend
- PLC splitter accommodation (60mm x 7mm x 4mm)
- Supports 3A and ANT splice protector types
- IP55 and IK08 rating
- Pole or building/facade mounted



External front view.

Internal front view.

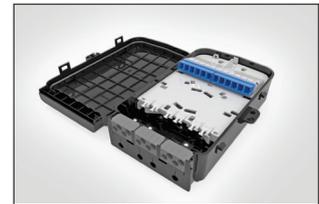
External side view.



Internal view shown with LC APC adaptors.



Internal view shown with drop cable management tray.



Internal view shown with SC PC adaptors.

Technical Description

The FFE is manufactured from UV stable black polycarbonate with a completely detachable lid which can also be snapped back in to position using the snap back hinges allowing unrestricted access to all fibre management areas.

The enclosure has 3 separate management areas for inbound cable, fibre splice management and drop cable (customer connection) management. The inbound cable management area has a dedicated cable entry port which supports both cable end and mid-span applications with loop storage capacity for up to 1.5m of excess fibre and the entry port is sealed with a cable entry kit to maintain the IP55 rating.

The fibre splice management area has capacity for a maximum of 12 x 3A or 24 ANT splices and maintains positive fibre management (30mm minimum bend radius) throughout. The tray has a crossover facility which allows for alternative routing requirements and a fibre storage capacity of 1.5m for 250µm fibre and 1.0m of 900µm fibre.

The drop cable management area presents either 12 SC or LC Simplex adaptors for connection to industry standard pre-terminated drop cables and a PLC splitter (60mm x 7mm x 4mm) can be fitted on the inside of the management area. The drop cable management area cover prevents access to the network cables and splicing area and the adaptors are angled and spaced to allow for inspection prior to connection. Anchor guides are provided for securing the drop cables (maximum diameter 6.0mm) and an integral seal maintains the IP55 rating.

TYPE	Height (H)	Width (W)	Depth (D)	Suitable for Cable Ø from/to	Splice Protector Type	Pigtail or Splitter	Connector Type	Article-No.				
FFE12-04LCXXX1/BK	241	154	71.6	10 - 15	3A	-	-	857-01820				
FFE12-04SCXXX1/BK							-	857-01825				
FFE12-04SCSPXX1/BK							12 x Pigtails	12 x SC	857-01821			
FFE12-04SCTPXX1/BK								12 x SC-APC	857-01823			
FFE12-04LCPXX1/BK								12 x LC	857-01817			
FFE12-04LCRPXX1/BK							12 x LC-APC	857-01818				
FFE12-03LCXXX1/BK				7 - 10		-	-	-	-	-	857-01811	
FFE12-03SCXXX1/BK										-	857-01816	
FFE12-03LCPXX1/BK										12 x Pigtails	12 x LC	857-01808
FFE12-03LCRPXX1/BK											12 x LC-APC	857-01809
FFE12-03SCSPXX1/BK											12 x SC	857-01812
FFE12-03SCTPXX1/BK											12 x SC-APC	857-01814

All dimensions in mm. Subject to technical changes.





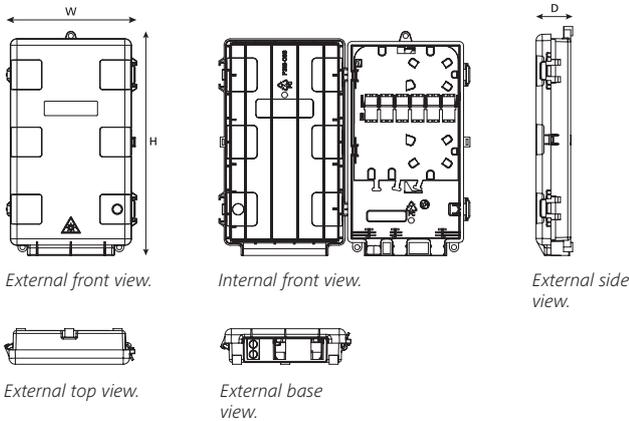
MCCE - Multi Customer Connection Enclosure

Fibre Optic External Enclosure

The MCCE has been designed as a Building Entry Point (BEP) to provide a fibre termination and network demarcation point external to the connected premise in a Fibre to the Home (FTTH) network. In addition to providing an external test point the enclosure can also accommodate up to 12 customer fibre connections.

Features and benefits

- 12 Customer Connections
- 6 LC Duplex / SC Simplex connectors
- Up to 30 fibre splices
- Splitter accommodation
- Positive fibre management (30mm minimum bend radius)
- IP54 rating
- Low Profile
- Tamper-proof



Internal view of Multi Customer Connection Enclosure (MCCE).



Closed view of MCCE..



Inside view of MCCE with tray and 6 LC/APC Duplex Adaptors.



Internal view of MCCE with unloaded tray.



Inside view of MCCE without tray.

Technical Description

The MCCE has an IP54 sealing performance with up to 6 entry/exit ports at the bottom of the enclosure which are suitable for cables or ducts up to a maximum diameter of 8 mm. A loop through facility allows for single fibre elements to be removed and spliced whilst the remaining fibres can be fed on to the next connection point.

Mechanical fixing is provided to secure all incoming/outgoing cables or blown fibre ducts and to provide strain relief where necessary. Internal positive fibre management and fibre retention clips maintain a minimum 30mm bend radius throughout.

The MCCE manages up to 6 LC duplex or SC simplex adaptors and has features to secure a maximum of 30 fibre splices.

The lid is hinged allowing quick and clear access to the internal fibre for splicing and termination and the lid can be replaced if damaged.

The MCCE can be supplied pre-loaded with fibre adaptors, and pre-terminated PLC splitters or pigtailed as required.

TYPE	Height (H)	Width (W)	Depth (D)	Splice Protector		Pigtail or Splitter	Connector Type	Splice Tray	Article-No.
				Qty	Type				
MCCE-T12AP11X	233	135	37	1	3A	4 x Pigtails	2 x LC/APC DX	Splice Tray	857-02070
MCCE-T14AP21X				2		8 x Pigtails	4 x LC/APC DX		857-02071
MCCE-T16AP21X				2		12 x Pigtails	6 x LC/APC DX		857-02072
MCCE-T12AS11S				1	SP/3A Bridge	1 x 1:4 Bare End to LC/APC Splitter	2 x LC/APC DX		857-02073
MCCE-T14AS21S				2		2 x 1:4 Bare End to LC/APC Splitter	4 x LC/APC DX		857-02074
MCCE-T16AS21S				2		3 x 1:4 Bare End to LC/APC Splitter	6 x LC/APC DX		857-02075
MCCE-T1XXX21X				2	3A	-	-		857-02076
MCCE-X1XXX31X				3		-	-		-

All dimensions in mm. Subject to technical changes.



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Further information at www.htdata.co.uk



FTTX Broadband Connectivity

External Fibre Enclosures

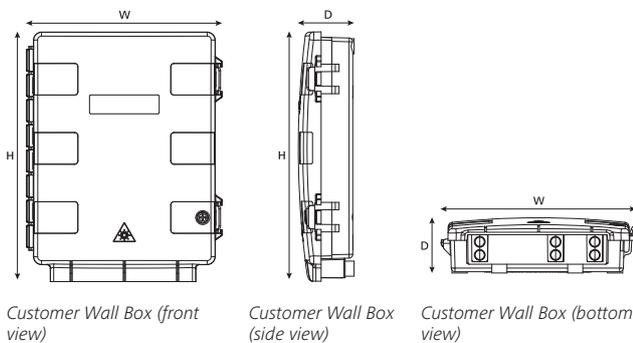
CWB - Customer Wall Box

Fibre Optic External Enclosure

The CWB has been designed as a Building Entry Point (BEP) to provide a fibre termination and demarcation point external to the connected premise in a Fibre to the Home (FTTH) network.

Features and benefits

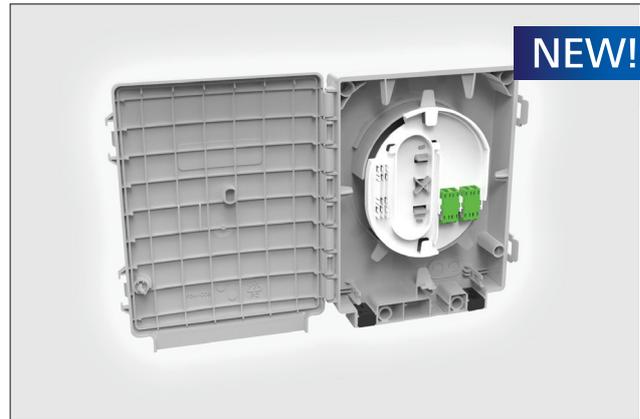
- Maximum 4 Customer Connections
- 6 Entry/Exit Ports at the base max. 8mm
- 2 Entry/Exit Ports at the rear max. 6.4mm
- 2 x LC Duplex/SC Simplex
- Adaptors
- Up to 4 x 3A splices
- IP54
- Storage for excess fibre
- Tamper-proof



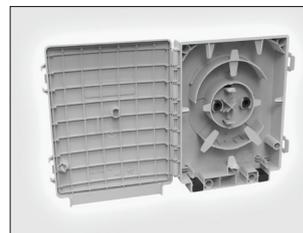
Customer Wall Box (front view)

Customer Wall Box (side view)

Customer Wall Box (bottom view)



Customer Wall Box (open, tray on)



Customer Wall Box (open)



Customer Wall Box (closed)

Technical Description

The CWB is an IP54/IK07 rated enclosure manufactured from UV stable polycarbonate. The enclosure is fitted with a tamper-proof lock and has provision in the lid for a moulded customer logo.

The closure has a total of 8 entry points, 6 in the bottom and 2 in the rear, which will manage cable/ducts up to a maximum diameter of 8mm. Mechanical fixing is provided to secure all incoming/outgoing cables/blown fibre ducts and to provide strain relief where necessary.

A fibre storage module allows for the management and storage of up to 30m of a blowable fibre unit (nominal diameter 1.2mm) or 10m of aerial drop cable (nominal diameter 3mm).

A dedicated customer drop tray houses a maximum of 2 x LC Duplex or SC Simplex adaptors and has features to secure up to a maximum of 4 x 3A splices.

Additional storage space at the rear of the enclosure allows for the management of up to 5m of customer drop cable (nominal diameter 5mm).

For more information please contact our sales team.

TYPE	Height (H)	Width (W)	Depth (D)	Connector Type	Max. Splice Capacity	Colour
For more information please contact our sales team	198	154	44	4 x LC DX	4	Available in a range of colours (MOQ applies)
				2 x SC SX		

All dimensions in mm. Subject to technical changes.



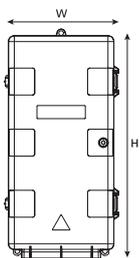
CCE - Customer Connection Enclosure

Fibre Optic External Enclosure

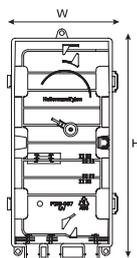
The CCE has been designed to be used as an external building entry point. The closure can be wall mounted providing a fibre termination and external network test point. The CCE is the same size as a 'Brick Blow-Out Cover' to cover any unsightly damage caused by drilling.

Features and benefits

- Maximum capacity: 2 x SC Simplex or LC Duplex Adaptors
- Fibre Management for 4 x 3A splices
- 6 inbound/outbound access points
- Through the wall capability
- Loop through facility
- Integral positive fibre management and storage capacity
- IP54 Rated



External front view.



Internal front view.



External side view.

Technical Description

The Customer Connection Enclosure (CCE) supports a maximum 2 x SC Simplex or LC Duplex adaptors. The closure is manufactured from UV stable ABS with a hinged lid which locks in the open position to allow for quick and clear access to the internal fibre.

The closure has 6 entry/exit ports at the bottom of the closure which are suitable for cables and ducts up to a maximum diameter of 8.5mm. A loop through facility allows for single fibre elements to be removed and spliced whilst the remaining fibres can be fed on to the next connection



Customer Connection Enclosure with 1 LC APC adaptor.



External view.



Internal view with 1 SC PC Adaptor.

point. A single port in the rear of the closure allows for fibre to be passed through the wall into the customer premises.

Mechanical fixing is provided to secure all incoming/outgoing cables/ blown fibre ducts and to provide strain relief where necessary. Internal positive fibre management and fibre retention clips maintain a minimum 30mm bend radius throughout for up to a maximum of 50m of 1.1mm diameter cable.

TYPE	Height (H)	Width (W)	Depth (D)	Suitable for Cable Ø from/to	Splice Protector Type	Pigtail or Splitter	Connector Type	Colour	Article-No.
CCE-A1112XXX1/BK	263	130	37	2.5 - 8.5	3A	-	-	Black	857-01434
CCE-A111215X1/BK						-	-		857-01436
CCE-A11121511/BK						1 x Pigtail	SC		857-01439
CCE-A11121TX1/BK						-	SC-APC		857-01441
CCE-A11121T11/BK						1 x Pigtail			857-01443
CCE-A11121LX1/BK						-	LC		857-01445
CCE-A11121L11/BK						1 x Pigtail			857-01447
CCE-A11121AX1/BK						-	LC-APC		857-01449
CCE-A11121A11/BK						1 x Pigtail			857-01451
CCE-A1112XXX1/GY						-	-		857-01433
CCE-A111215X1/GY						-	-		857-01435
CCE-A11121511/GY						1 x Pigtail	SC		857-01437
CCE-A11121TX1/GY						-	SC-APC		857-01440
CCE-A11121T11/GY						1 x Pigtail			857-01442
CCE-A11121LX1/GY						-	LC		857-01444
CCE-A11121L11/GY						1 x Pigtail			857-01446
CCE-A11121AX1/GY	-	LC-APC	857-01448						
CCE-A11121A11/GY	1 x Pigtail		857-01450						

All dimensions in mm. Subject to technical changes.



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CCP - Customer Connection Point

Fibre Optic External Enclosure

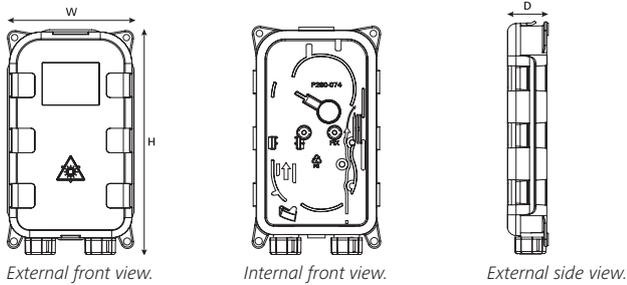
The Customer Connection Point closure has been designed to be used as an external building entry point. The closure can be wall/facade mounted or put in a buried chamber (located at the property boundary or just outside the point of access) providing an external building entry point and network test point.

Features and benefits

- Maximum capacity: 2 x SC Simplex or 1 x LC Duplex Adaptor
- Fibre management for 2 x 3A or 2 x ANT splices
- Integral positive fibre management and fibre storage capacity
- Separate inbound/outbound access points
- Fully detachable snap on lid
- IP68/IK08 Rated
- White option available



External view of the Customer Connection Point shown in White and Black.



External front view.

Internal front view.

External side view.



Internal view with 1 SC-PC adaptor.



Internal view with 1 LC-APC adaptor.

Technical Description

The Customer Connection Point (CCP) supports 2 x SC Simplex or 1 x LC Duplex adaptor and provides splice management for 2 x 3A or 2 x ANT splices. The closure is manufactured from V0 and UV stable black polycarbonate and has a fully detachable snap on lid.

The closure has 2 separate cable access points which are sealed with a silicon cable entry kit (cable diameter range 4.0mm - 6.0mm) to maintain the IP68 rating. A range of alternative cable seals are available

on request. A gortex breather membrane is fitted to the lid to prevent condensation forming in the base of the closure. The CCP can also be surface mounted to the wall with an optional sealed rear cable entry/exit point enabling the drop cable to pass directly into the premises.

Internal fibre management features ensure that a 30mm minimum bend radius is maintained within the closure and provides fibre storage capacity for any excess fibre.

TYPE	Height (H)	Width (W)	Depth (D)	Suitable for Cable Ø from/to	Splice Protector Type	Connector Type	Colour	Article-No.
CCPA-M11XXX/BK-0	160	89	28	4.0 - 6.0	3A, Crimp (ANT)	-	Black	857-01106
CCPA-M111SP/BK-0						SC-PC		857-01107
CCPA-M111TP/BK-0						SC-APC		857-01108
CCPA-M111LP/BK-0						LC-PC		857-01109
CCPA-M111AP/BK-0						LC-APC		857-01110

All dimensions in mm. Subject to technical changes.





CCPC - Customer Connection Point with Cassette

Fibre Optic External Enclosure

The Customer Connection Point with fibre splice tray and fibre management cassette (CCPC) is used as a Building Entry Point (BEP) to provide a fibre termination and network demarcation point external to the connected premise in a Fibre to the Home (FTTH) network. It also presents a network test point outside of the customer location.

Features and benefits

- Maximum capacity: 1 x SC Simplex or LC Duplex Adaptor
- Integral positive fibre management and fibre storage capacity
- Separate inbound/outbound access points
- Fully detachable snap on lid
- IP68/IK08 Rated
- Minimum fibre bend radius of 30mm throughout
- Fibre Management Tray supports 2 x 3A sleeves
- Fibre Management Cassette for mounting for 1 off SC SX or LC DX connections
- Mechanical fixing for cable strength member



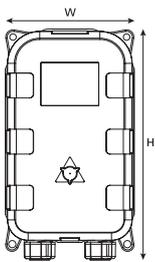
Internal View showing optional Fibre Management Cassette.



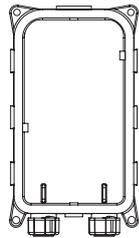
Closed External View.



Internal View showing Fibre Splice Tray.



External front view.



Internal front view.



External side view.

Technical Description

The CCPC has high (IP68) sealing performance and a compact design and can therefore be housed in a small subterranean access chamber (eg: "Toby Box") whilst protecting the fibre connection point from water or dirt contamination. Incoming and outgoing cables are sealed at the base of the CCPC using a quick twist lock sealing mechanism. An optional vent gauze feature prevents internal moisture condensation.

The CCPC is fitted with a fibre splice tray which provides management for the incoming/outgoing cables and 2 x 3A splices. The fibre management cassette supports a single LC Duplex or SC Simplex adaptor and provides

additional fibre management for up to 2 pigtails. The cassette and tray have been designed to ensure a 30mm minimum radius. Fibre retention fingers are used to keep the fibre in place and define the routing paths between levels.

The CCPC enclosure can be provided pre-loaded with adaptors and pigtails as required, the standard colour is black however, other options are available on request.

A range of cable seals are available from a minimum of 3.0mm to 9.0mm.

TYPE	Height (H)	Width (W)	Depth (D)	Suitable for Cable Ø from/to	Splice Protector Type	Pigtail or Splitter	Connector Type	Membrane	Colour	Article-No.
CCPC-M11XXX/BK	160	89	28	4.0 – 6.0	3A	-	-	Membrane	Black	857-01878
CCPC-M111AP/BK						2 x Pigtails	LC-APC			857-02307
CCPC-M111LP/BK						2 x Pigtails	LC-PC			857-01905
CCPC-M111TP/BK						1 x Pigtail	SC-APC			857-01896
CCPC-M111SP/BK						1 x Pigtail	SC-PC	857-01887		
CCPC-X11XXX/BK						-	-	-		857-01916
CCPC-X111AP/BK						2 x Pigtails	LC-APC			857-01871
CCPC-X111LP/BK						2 x Pigtails	LC-PC			857-02012
CCPC-X111TP/BK						1 x Pigtail	SC-APC			857-02010
CCPC-X111SP/BK						1 x Pigtail	SC-PC			857-02008

All dimensions in mm. Subject to technical changes.



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FTTX Broadband Connectivity

External Fibre Enclosures

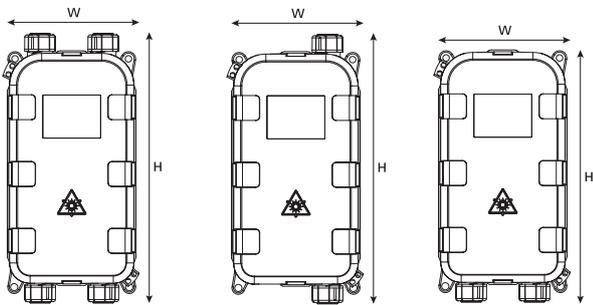
CCP XL/XT - Customer Connection Point XL / XT

Fibre Optic External Enclosure

The CCP XL/XT has been designed to be used as an external building entry point. The enclosure can be wall/facade mounted or placed in to a buried chamber (located at the property boundary or just outside the point of access) providing an external building entry point and network test point.

Features and benefits

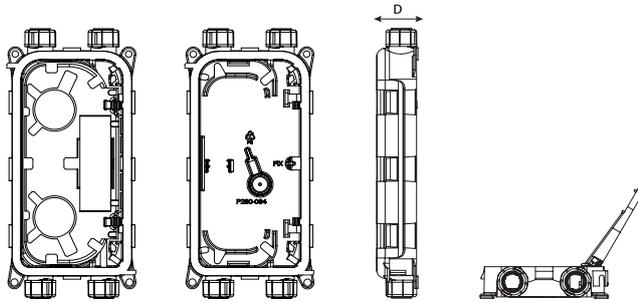
- Available in 3 Port Configurations
- Supports 2 x SC Simplex or LC Duplex Adaptors
- Separate splice tray with 3A splice bridge
- Maximum 13 x 3A splices
- Separate inbound/outbound access points
- Rear Entry Port
- Tamper-proof lock mount
- IP68/IK08 Rated



External front view of 4 Port.

External front view of 2 Port Inline.

External front view of 2 Port.



Internal front view with tray.

Internal front view.

External side view.

External base view.



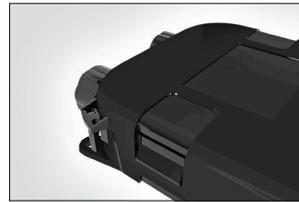
Angled view of the 2 Port, 4 Port and 2 Port Inline with optional splice tray.



Closed external view.



Internal view showing position of adaptors.



Closed external view showing tamper-proof lock mount.



Internal view showing optional splice tray.

Technical Description

The CCP XL/XT is available in 3 port configurations and supports 2 x SC Simplex or LC Duplex adaptors. The enclosure is fitted with a splice tray with a 3A splice bridge (maximum 12 x 3A splices), and each cable access point is sealed with a cable entry kit to maintain the IP68 rating. A gortex breather membrane can be fitted to the lid to prevent condensation forming in the base of the closure due to temperature fluctuations. Internal fibre management features ensure that a 30mm

minimum bend radius is maintained within the closure and provides storage capacity for any excess fibre.

The base of the CCP XL/XT has wall mounting points in each corner and the lid snaps in to place using lid retaining clips. The closure also has a tamper-proof lock mount which can be used to provide additional security if required.

A range of cable seals are available from a minimum from 3.0 - 9mm.





TYPE	No. of Ports	Height (H)	Width (W)	Depth (D)	Suitable for Cable Ø from/to	Pigtail or Splitter	Connector Type	Splice Tray	Article-No.		
CCPXX-X1111XXXXXX/BK	4 Port	188	94	28.5	4.0 - 6.0	-	-	-	857-01872		
CCPXX-X1111X1SP001/BK						1 x Pigtail	SC-PC		857-01873		
CCPXX-X1111X2SP002/BK						2 x Pigtails			857-01874		
CCPXX-X1111X1TP001/BK						1 x Pigtail	SC-APC		857-01875		
CCPXX-X1111X2TP002/BK						2 x Pigtails			857-01876		
CCPXX-X1111X1LP002/BK						2 x Pigtails	LC-PC		857-01877		
CCPXX-X1111X1AP002/BK						2 x Pigtails	LC-APC		857-01879		
CCPXT-X1111XXXXXX1X/BK						4.0 - 6.0	-		-	Splice Tray	857-01926
CCPXT-X1111X1SP0011X/BK					1 x Pigtail			SC-PC			857-01927
CCPXT-X1111X2SP0021X/BK					2 x Pigtails						857-01928
CCPXT-X1111X1TP0011X/BK					1 x Pigtail			SC-APC			857-01929
CCPXT-X1111X2TP0011X/BK					2 x Pigtails						857-01930
CCPXT-X1111X1LP0021X/BK					2 x Pigtails			LC-PC			857-01931
CCPXT-X1111X2LP0041X/BK					4 x Pigtails			LC-APC			857-01932
CCPXT-X1111X1AP0021X/BK					2 x Pigtails						857-01933
CCPXT-X1111X2AP0041X/BK					4 x Pigtails	857-01934					
CCPXX-X11XXXXXX/BK	2 Port	188	94	28.5	4.0 - 6.0	-	-	-	857-01890		
CCPXX-X11XX1SP001/BK						1 x Pigtail	SC-PC		857-01891		
CCPXX-X11XX2SP002/BK						2 x Pigtails			857-01892		
CCPXX-X11XX1TP001/BK						1 x Pigtail	SC-APC		857-01893		
CCPXX-X11XX2TP002/BK						2 x Pigtails			857-01894		
CCPXX-X11XX1LP002/BK						2 x Pigtails	LC-PC		857-01895		
CCPXX-X11XX1AP002/BK						2 x Pigtails	LC-APC		857-01897		
CCPXT-X11XXXXXX1X/BK						4.0 - 6.0	-		-	Splice Tray	857-01944
CCPXT-X11XX1SP0011X/BK					1 x Pigtail			SC-PC			857-01945
CCPXT-X11XX2SP0021X/BK					2 x Pigtails						857-01946
CCPXT-X11XX1TP0011X/BK					1 x Pigtail			SC-APC			857-01947
CCPXT-X11XX2TP0011X/BK					2 x Pigtails						857-01948
CCPXT-X11XX1LP0021X/BK					2 x Pigtails			LC-PC			857-01949
CCPXT-X11XX2LP0041X/BK					4 x Pigtails			LC-APC			857-01950
CCPXT-X11XX1AP0021X/BK					2 x Pigtails						857-01951
CCPXT-X11XX2AP0041X/BK					4 x Pigtails	857-01952					
CCPXX-X1X1XXXXXX/BK	2 Port Inline	188	94	28.5	4.0 - 6.0	-	-	-	857-01908		
CCPXX-X1X1XX1SP001/BK						1 x Pigtail	SC-PC		857-01909		
CCPXX-X1X1XX2SP002/BK						2 x Pigtails			857-01910		
CCPXX-X1X1XX1TP001/BK						1 x Pigtail	SC-APC		857-01911		
CCPXX-X1X1XX2TP002/BK						2 x Pigtails			857-01912		
CCPXX-X1X1XX1LP002/BK						2 x Pigtails	LC-PC		857-01913		
CCPXX-X1X1XX1AP002/BK						2 x Pigtails	LC-APC		857-01915		
CCPXT-X1X1XXXXXX1X/BK						4.0 - 6.0	-		-	Splice Tray	857-01962
CCPXT-X1X1XX1SP0011X/BK					1 x Pigtail			SC-PC			857-01963
CCPXT-X1X1XX2SP0021X/BK					2 x Pigtails						857-01964
CCPXT-X1X1XX1TP0011X/BK					1 x Pigtail			SC-APC			857-01965
CCPXT-X1X1XX2TP0011X/BK					2 x Pigtails						857-01966
CCPXT-X1X1XX1LP0021X/BK					2 x Pigtails			LC-PC			857-01967
CCPXT-X1X1XX2LP0041X/BK					4 x Pigtails			LC-APC			857-01968
CCPXT-X1X1XX1AP0021X/BK					2 x Pigtails						857-01969
CCPXT-X1X1XX2AP0041X/BK					4 x Pigtails	857-01970					

All dimensions in mm. Subject to technical changes.



FTTx Broadband Connectivity

Internal Fibre Enclosures

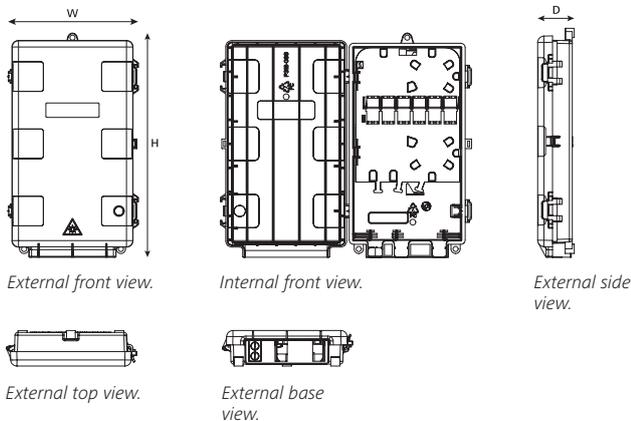
MDU/MBU Series - S1 XS

Fibre Optic Internal / External Enclosure

Designed for deployment within the last mile of the FTTx network. The S1 XS can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) network with the addition of PLC splitters, connectorised or bare end, pigtailed and adaptors.

Features and benefits

- 12 Customer Connections
- 6 SC Simplex/LC Duplex connectors
- Up to 30 fibre splices
- Positive fibre management (30mm minimum bend radius)
- Splitter accommodation
- IP54 rating
- UV Stable
- Low Profile
- Tamper-proof



External front view.

Internal front view.

External side view.

External top view.

External base view.



Internal view of the S1 XS Enclosure.



External view of the S1 XS Enclosure.



Internal view of the S1 XS Enclosure.

Technical Description

The S1 XS is V0 rated with an IP54 sealing performance. With up to 6 entry/exit ports at the bottom of the enclosure which are suitable for cables or ducts up to a maximum diameter of 8mm. A loop through facility allows for single fibre elements to be removed and spliced whilst the remaining fibres can be fed on to the next connection point.

Mechanical fixing is provided to secure all incoming/outgoing cable or blown fibre ducts and to provide strain relief where necessary. Internal positive fibre management and fibre retention clips maintain a minimum 30mm bend radius throughout.

The S1 XS manages up to 6 SC simplex or LC duplex adaptors and has features to secure a maximum of 30 fibre splices.

The lid is hinged allowing quick and clear access to the internal fibre for splicing and termination and the lid can be replaced if damaged.

The S1 XS can be supplied pre-loaded with fibre adaptors and pigtailed as required.

TYPE	Height (H)	Width (W)	Depth (D)	Splice Protector		Pigtail or Splitter	Connector Type	Splice Tray	Article-No.
				Qty	Type				
MDU-S1XS-T16AP21X	233	135	37	2	3A	12 x Pigtailed	6 x LC/APC DX	Splice Tray	857-02220
MDU-S1XS-T15AP21X				2		10 x Pigtailed	5 x LC/APC DX		857-02226
MDU-S1XS-T14AP21X				2		8 x Pigtailed	4 x LC/APC DX		857-02227
MDU-S1XS-T13AP11X				1		6 x Pigtailed	3 x LC/APC DX		857-02228
MDU-S1XS-T12AP11X				1		4 x Pigtailed	2 x LC/APC DX		857-02229
MDU-S1XS-T11AP11X				1		2 x Pigtailed	1 x LC/APC DX		857-02230
MDU-S1XS-T16AS21S				2	SP/3A Bridge	3 x 1:4 Bare End to LC/APC Splitter	6 x LC/APC DX		857-02221
MDU-S1XS-T14AS21S				2		2 x 1:4 Bare End to LC/APC Splitter	4 x LC/APC DX		857-02223
MDU-S1XS-T12AS11S				1		1 x 1:4 Bare End to LC/APC Splitter	2 x LC/APC DX		857-02225
MDU-S1XS-T1XXX21X				2	3A	-	-		857-02222
MDU-S1XS-X1XXX31X				3		-	-		-

All dimensions in mm. Subject to technical changes.





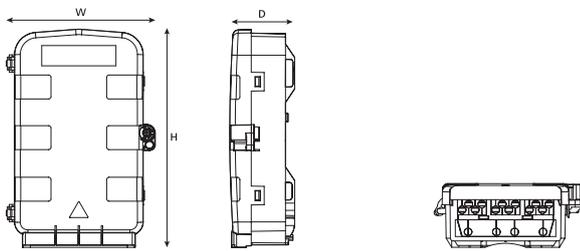
MDU/MBU Series - S1

Fibre Optic Internal / External Enclosure

Designed for deployment within the last mile of the FTTx network. The S1 can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) network with the addition of PLC splitters, connectorised or bare end, pigtailed and adaptors.

Features and benefits

- Separation of incoming feeder cable from customer drops
- 12 SC or LC Simplex customer connections
- 2 inbound / 12 outbound ports
- Positive fibre management throughout (30mm min bend radius)
- IP55/IK08/V0 rating
- UV Stable
- Tamper proof
- Wall/pole mounting features
- Low profile



External front view.

External side view.

External base view.

Technical Description

A 241 x 154 x 72mm (H x W x D) enclosure manufactured from UV stable light grey (RAL7035) polycarbonate with an IP55, IK08 and V0 rating.

The S1 has 3 separate management areas for inbound cable, fibre splice management and drop cable (customer connection) management. The inbound cable management area has a dedicated cable entry port which supports both cable end and mid-span applications with loop storage capacity for up to 1.5m of excess fibre and the entry port is sealed with a cable entry kit (cable diameter 10mm - 15mm) to maintain the IP55 rating. The fibre splice management area has capacity for a maximum of 12 x 3A splices and maintains positive fibre management (30mm minimum bend radius) throughout. The tray has a crossover facility



Internal view of the S1 Enclosure.



Internal view showing the drop cable management tray.



External view of the S1 Enclosure.

which allows for alternative routing requirements and a fibre storage capacity of 1.5m of 250µm fibre and 1.0m of 900µm fibre.

The drop cable management area accommodates 12 LC or SC Simplex adaptors for connection to industry standard pre-terminated drop cables and a PLC splitter (60mm x 7mm x 4mm) can be fitted on the inside of the management area. The drop cable management area cover prevents access to the network cables and splicing area and the adaptors are angled and spaced to allow for inspection prior to connection. Twelve anchor guides are provided for securing the drop cables (maximum diameter 6.0mm) and an integral seal maintains the IP55 rating.

TYPE	Height (H)	Width (W)	Depth (D)	Suitable for Cable Max. Ø	Splice Protector Type	Pigtail or Splitter	Connector Type	Article-No.	
MDU-S1-03LC	241	154	72	Up to 8 mm	3A	-	-	857-01826	
MDU-S1-03SC							-	857-01779	
MDU-S1-03SC12SA1						12 x Pigtailed	12 x SC	857-01780	
MDU-S1-03SC12TA1							12 x SC-APC	857-01782	
MDU-S1-03LC12RA1							12 x LC-APC	857-01777	
MDU-S1-03LC12PA1							12 x LC	857-01778	
MDU-S1-04LC				Up to 16 mm		-	-	857-01783	
MDU-S1-04SC							-	857-01786	
MDU-S1-04SC12SA1							12 x Pigtailed	12 x SC	857-01787
MDU-S1-04SC12TA1								12 x SC-APC	857-01789
MDU-S1-04LC12PA1								12 x LC	857-01785
MDU-S1-04LC12RA1								12 x LC-APC	857-01784

All dimensions in mm. Subject to technical changes.



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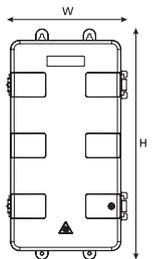
MDU/MBU Series - S2

Fibre Optic Internal / External Enclosure

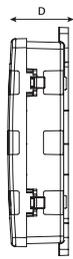
The HellermannTyton S2 provides a cost effective secure solution for installing pre-terminated drop cables in Fibre to the Home (FTTH) applications.

Features and benefits

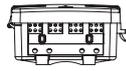
- Maximum capacity 24 LC / SC Simplex Adaptors
- 4 Inbound/24 Outbound ports
- Separation of inbound fibre from connectorised drop cables
- Positive fibre management to maintain consistent 30mm minimum bend
- PLC splitter accommodation (60mm x 7mm x 4mm)
- Maximum of 48 3A splices
- IP55 and IK08 rating
- Pole or building/facade mounted
- Low profile
- Low smoke material



External front view.



External side view.



External base view.

Technical Description

The S2 is an IP55/IK08 rated enclosure manufactured from light grey (RAL 7035) polycarbonate with a detachable lid allowing unrestricted access to all fibre management areas. The enclosure has 3 separate management areas for inbound cable, fibre splice management and drop cable management. The inbound cable management area has a dedicated cable entry port with loop storage capacity.

The fibre splice management area has capacity for a maximum of 48 x 3A splices and maintains positive fibre management throughout.



Internal view of the S2 with 24 LX SX connections.



Drop management tray shown open.



External view.

The drop cable management area presents 24 LC Simplex adaptors for connection to industry standard pre-terminated drop cables and a maximum of 6 PLC splitters can be fitted on the inside of the management area.

The drop cable management area cover prevents access to the network cables and splicing area and the adaptors are angled to allow for inspection prior to connection. The 12 anchor points secure the drop cables and an integral seal maintains the IP55 rating.

TYPE	Height (H)	Width (W)	Depth (D)	Max. Cable Diameter Ø		Splice Protector Type	Pigtail or Splitter	Connector Type	Article-No.
				Incoming	Drop Cable				
MDU-S2-24LC	342	177	90	7	4	3A	-	24 x LC/PC	857-02231
MDU-S2-24LCA1							24 x Pigtails		857-02232
MDU-S2-24LC-3X1:8							3 x 1:8		857-02259
MDU-S2-24LC/APC							-	24 x LC/APC	857-02233
MDU-S2-24LC/APCA1							24 x Pigtails		857-02234
MDU-S2-24LC/APC-3X1:8							3 x 1:8		857-02025
MDU-S2-24SC							-	24 x SC/PC	857-02235
MDU-S2-24SCA1							24 x Pigtails		857-02236
MDU-S2-24SC-3X1:8							3 x 1:8		857-02260
MDU-S2-24SC/APC							-	24 x SC/APC	857-02237
MDU-S2-24SC/APCA1							24 x Pigtails		857-02238
MDU-S2-24SC/APC-3X1:8							3 x 1:8		857-02239

All dimensions in mm. Subject to technical changes.





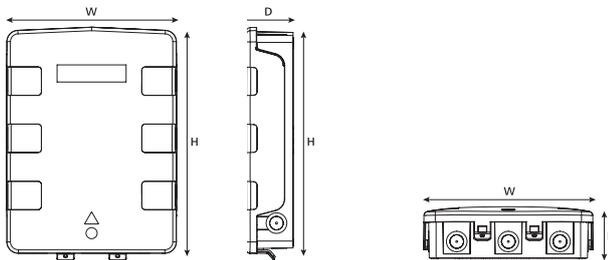
MDU/MBU Series - S3

Fibre Optic External/Internal Enclosure

Designed for deployment within the last mile of the FTTx network. The S3 can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors.

Features and benefits

- Maximum 96 Fibre Splices
- IR Angled Fibre Management System with provision for 3 PLC Splitters
- 4 SE or 8 SC-B IR Trays with 3A Splice Bridges
- LC or SC connections
- 7 Input/Output Positions
- In-built spirit level
- IP54/IK08
- UV Stable
- V0 Rating

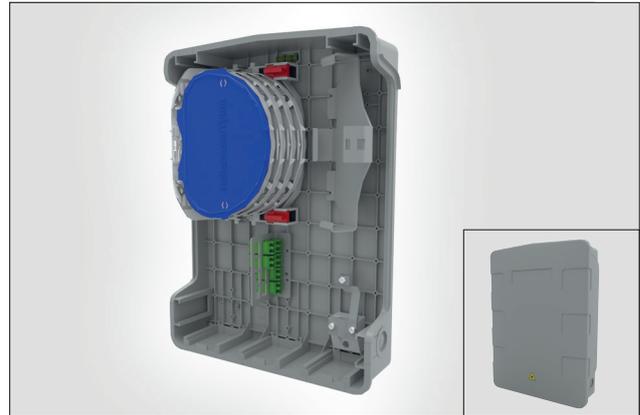


External front view. External side view. External base view.

Technical Description

The S3 enclosure is configured with the HellermannTyton 250µm IR Management System. The management system accommodates 4 SE-IR trays giving a maximum of 48 3A fibre splices and 3 PLC splitters. The position of the fibre management system allows for easy access for the routing of fibre on to the trays. The trays and fibre optic routing modules are white which makes it easy to see the colour of the fibre elements as they are routed through the positive fibre management system. Fibre slot retaining blocks guide the fibre elements on to the IR system; the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre, the fibre retaining block and tray retaining clips are coloured red to aid in identification if they are dropped.



Internal view of the MDU S3 Connectorised Enclosure (detail with lid on).



Internal view of the MDU S3 Enclosure. Seals Available. See page 68.

A 340 x 247 x 76mm (H x W x D) enclosure manufactured in light grey (RAL 7035) ABS (Acrylonitrile Butadiene Styrene). The enclosure is UV stable with an IP54, IK08 and V0 rating.

Designed with 7 input/output ports, 3 across the bottom, 2 on the top and 1 on each side.

A 100 x 25mm inset position on the front cover allows for a customer logo to be moulded in to the enclosure.

The S3 is a modular solution and can be configured in a number of ways to suit the deployment of a specific project or installation. Options include splice trays, loop storage, connectorised versions, splitter accommodation and loop through provision.

A range of seals and accessories for the S3 enclosure are available - See pages 66 to 68.

TYPE	Tray Type	Tray Quantity	Splice Capacity	Splice Protector Type	Connector Type	Basket Size	Article-No.
MDU-S3	-	-	-	-	-	-	857-01480
MDU-S3-BXN	SC-B MKI	8	96	3A	-	Small	857-01483
MDU-S3-XXN					-	-	857-01484
MDU-S3-XWX-CP06L31:4	SE-IR MKI	4	48		LC-PC	-	857-01489
MDU-S3-BWX-CP06L31:4						Small	857-01490
MDU-S3-XWX-CP12L31:8						-	857-01491
MDU-S3-BWX-CP12L31:8					Small	857-01492	
MDU-S3-XWX					-	857-01481	
MDU-S3-BWX					Small	857-01482	
MDU-S3-XWX-CP06LA1	LC-PC	-	857-01485				
MDU-S3-BWX-CP06LA1		Small	857-01486				
MDU-S3-XWX-CP12LA1		-	857-01487				
MDU-S3-BWX-CP12LA1		Small	857-01488				

All dimensions in mm. Subject to technical changes.



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MDU/MBU Series - S4

Fibre Optic External/Internal Enclosure

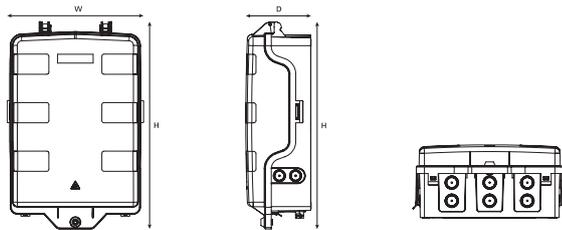
The HellermannTyton S4 wall mountable enclosures are suitable for both internal and external applications and have been developed for use within the last mile of the FTTX network.

The S4 has been designed to accommodate the HellermannTyton IR Fibre Management system and offers the adaptability of point to multi point (P2MP) or point to point (P2P) configuration.

The enclosure can be supplied pre-connectorised with up to 24x LC duplex adaptors (48 fibres) or 24x SC simplex adaptors (24 fibres). A splice only configuration can offer up to 240 fibres.

Features and benefits

- IR Fibre Management System
- 10 x SE-IR MKII or 20 x SC-B MKII trays
- 48 Fibres with LC Duplex
- 24 Fibres with SC Simplex
- 240 Fibres splice only
- Loop Storage Management
- IP54/IK08 Rating
- V0 Rating
- 24 way drop seal cable entry
- Works with 250µm, 600µm, 900µm fibre
- Cable anchor brackets
- Optional rear storage mounting bracket
- Splitter configurations available



External front view.

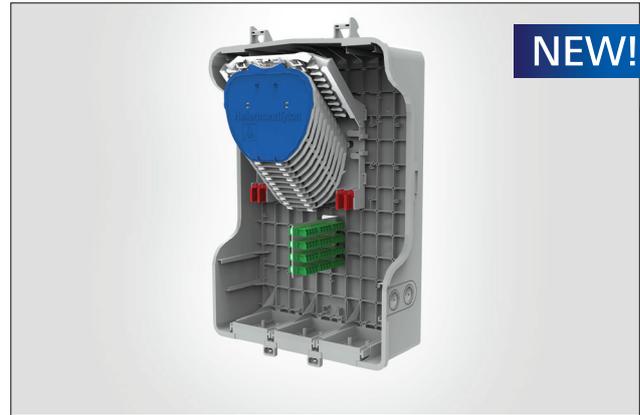
External side view.

External base view.

Technical Description

The S4 can be configured the HellermannTyton angled IR Fibre Management System which can accommodate a maximum of 10 x SE-IR MKII trays, which offer up to 24 x 3A splices double stacked or 20 x SC-B MKII trays which offer up to 12 x 3A splices.

The S4 is compatible with 250µm, 600µm and 900µm fibre. The enclosure is 470mm x 307mm x 147mm (H x W x D) and manufactured in light grey (RAL 7035), UV stable ABS (Acrylonitrile Butadiene Styrene) and has an IP54, IK08 and V0 rating.



NEW!

Internal view of the MDU S4.



External view.



Seals Available. See page 68.

Features Drop cable entry via the HellermannTyton 24 way drop seal. Each entry point will accept 7mm OD. Backbone cable entry via the loop through gland seal which accepts 3-14mm OD cable.

A range of seals and accessories for the S4 enclosure are available See pages 66 to 68.

TYPE	Height (H)	Width (W)	Depth (D)	Tray		Splice Capacity	Splice Protector Type	Connector Type	Basket Size	Article-No.
				Type	Qty					
MDU-S4	471	307	147	-	-	-	-	-	-	857-02242
MDU-S4-BWA				SE-IR MKII	10	240	-	Small	857-02243	
MDU-S4-XWA				SE-IR MKII	10		-	-	857-02244	
MDU-S4-BAN				SC-B MKII	20	-	Small	857-02247		
MDU-S4-XAN				SC-B MKII	20	-	-	857-02248		
MDU-S4-BWA-CP24AA1				SE-IR MKII	10	48	LC/APC	Small	857-02251	
MDU-S4-XWA-CP24AA1				SE-IR MKII	10		-	-	857-02252	
MDU-S4-BWA-CP24SA1				SE-IR MKII	10	24	SC/PC	Small	857-02253	
MDU-S4-XWA-CP24SA1				SE-IR MKII	10		-	-	857-02254	
MDU-S4-BAN-CP24AA1				SC-B MKII	20	48	LC/APC	Small	857-02255	
MDU-S4-XAN-CP24AA1				SC-B MKII	20		-	-	857-02256	
MDU-S4-BAN-CP24SA1				SC-B MKII	20	24	SC/PC	Small	857-02257	
MDU-S4-XAN-CP24SA1				SC-B MKII	20		-	-	857-02258	

All dimensions in mm. Subject to technical changes.





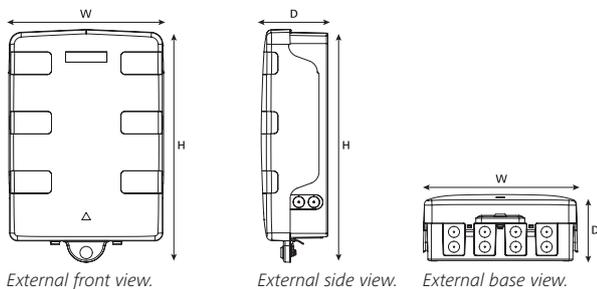
MDU/MBU Series - S5

Fibre Optic External/Internal Enclosure

Designed for deployment within the last mile of the FTTx network. The S5 can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors.

Features and benefits

- Maximum 432 Fibre Splices
- IR Fibre Management System
- 18 SE/36 SC-B or 9 x 900µm Trays
- LC or SC connections
- Multiple Loop Storage Management options
- 8 Dual Input/Output positions
- Strength Member Anchor
- In-built spirit level
- IP54/IK08 Rating
- UV Stable
- V0 Rating



External front view.

External side view.

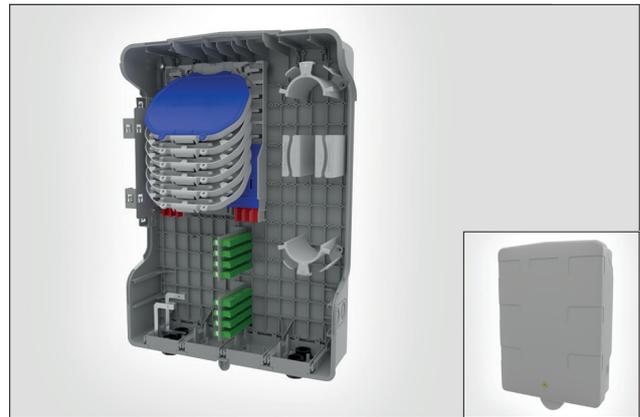
External base view.

Technical Description

The S5 can be configured with either a 250µm or 900µm IR Management System. The position of the fibre management system allows for easy access for the routing of fibre on to the trays. The trays and fibre optic routing modules are white which makes it easy to see the colour of the fibre elements as they are routed through the positive fibre management system. Fibre slot retaining blocks guide the fibre elements on to the IR system; the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre, the fibre retaining block and tray retaining clips are coloured red to aid in identification if they are dropped.

A 568 x 375 x 165mm (H x W x D) enclosure manufactured in light grey (RAL 7035) ABS (Acrylonitrile Butadiene Styrene). The enclosure is UV stable with an IP54, IK08 and V0 rating.



Internal view of the S5 Connectorised Enclosure (detail with lid on).



Internal view of the S5 Splice Enclosure. Seals Available. See page 68.

Designed with 8 dual input/output ports, 4 across the bottom, 2 on the top and 2 on each side.

A 100 x 25mm inset position on the front cover allows for a customer logo to be moulded in to the enclosure.

The S5 is a modular solution and can be configured in a number of ways to suit the deployment of a specific project or installation. Options include splice trays, loop storage, connectorised versions, splitter accommodation and loop through provision. The S5 can be used with both 900 and 250µm.

A range of seals and accessories for the S5 enclosure are available See pages 66 to 68.

TYPE	Height (H)	Width (W)	Depth (D)	Tray Type	Tray Quantity	Splice Capacity	Splice Protector Type	Connector Type	Basket Size	Article-No.
MDU-S5	568	375	165	-	-	-	-	-	-	857-01493
MDU-S5-LLXN				SC-B MKI	36	432	-	-	857-01495	
MDU-S5-LLWX				SE-IR MKI	18	216	-	-	857-01494	
MDU-S5-BXMX06CS048R48A1				Versatile Routing ME	6	72	3A	LC-APC	Small	857-01496
MDU-S5-LBMX01CP024B96A1										857-01497
MDU-S5-LXMX06CS048R031:8										857-01498
MDU-S5-LBMX02CP024B121:8										857-01499

All dimensions in mm. Subject to technical changes.



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Fibre Wall Outlet with Pre-terminated Internal Connecting Cable

Fibre Optic Internal Enclosure

The wall mounted fibre optic wall outlet with a pre-terminated connection cable provides a internal connection point in the end user house or apartment. The pre-terminated cable allows the installer to complete all splicing of fibre cable away from the customer premises.

Features and benefits

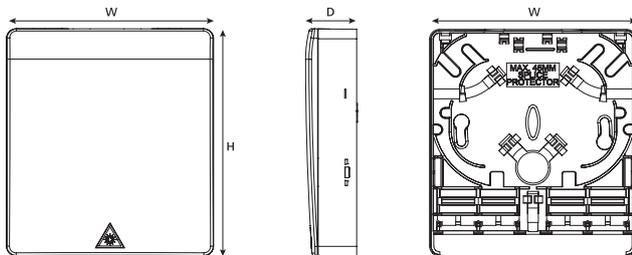
- Maximum capacity: 4 SC Simplex or LC Duplex adaptors
- Pre-terminated internal connection cable 5m - 100m
- Install directly on the wall or onto a flush-mount back box
- Cable entry at the base or through the rear of the unit
- Accommodates upto 4 splice protectors (upto 45mm)
- Quality surface finish
- Tamper-proof latches
- Positive fibre management to ensure a 30mm minimum bend radius
- V0 rated
- IP20 rated



Fibre Wall Outlet with 1 x SC APC adaptor and pre-terminated drop cable.



Unloaded view.



External front view.

External side view.

Internal front view.

Technical Description

The Terminayed Fibre Wall Outlet provides a fibre optic cable connection point designed to provide the final connection to the router or active equipment.

The wall outlet is a small single socket size outlet which is manufactured from Polycarbonate + ABS V0 rated material. The outlet has cable entry positions at the base, rear and on each side. Designed with fibre management features which ensure a 30mm minimum bend radius and cable tie fixings at all entry ports to provide strain relief. Tamper-proof latches on the side of the outlet secure the cover to the base and the

overhang restricts the removal of any adaptors and connectors when the cover is in place.

Supplied with 4 output port covers which can be used to provide additional shielding of the adaptors prior to fitting the customer connection cable.

The base has adjustable keyholes to allow for ease of positioning and installation and each outlet is supplied with a standard fixing kit.

The outlet can be supplied either unloaded, with a pre-terminated connector to bare end connection cable or with adaptors and pigtails.

TYPE	Height (H)	Width (W)	Depth (D)	Splice Protector Type	Connector Type	Description	Article-No.
FWOA-SXW21-010/WH	85	85	21	3A, ANT	SC	FWO with 1 x SC SX PC Adaptor and 1 x 10m 2 fibre pre-terminated cable.	857-01352
FWOA-SSW22-010/WH						FWO with 2 x SC SX PC Adaptors and 1 x 10m 2 fibre pre-terminated cable.	857-01365
FWOA-LXW21-010/WH					LC	FWO with 1 x LC DX PC Adaptor and 1 x 10m 2 fibre pre-terminated cable.	857-01391
FWOA-LXW22-010/WH						FWO with 2 x LC DX PC Adaptors and 1 x 10m 2 fibre pre-terminated cable.	857-01417
FWOA-VXW21-010/WH					SC-APC	FWO with 1 x SC SX APC Adaptor and 1 x 10m 2 fibre pre-terminated cable.	857-01296
FWOA-VVW22-010/WH						FWO with 2 x SC SX APC Adaptors and 1 x 10m 2 fibre pre-terminated cable.	857-01339
FWOA-AXW21-010/WH					LC-APC	FWO with 1 x LC DX APC Adaptor and 1 x 10m 2 fibre pre-terminated cable.	857-01378
FWOA-AXW22-010/WH						FWO with 2 x LC DX APC Adaptors and 1 x 10m 2 fibre pre-terminated cable.	857-01404

All dimensions in mm. Subject to technical changes.





FWO - Fibre Wall Outlet

Fibre Optic Internal Enclosure

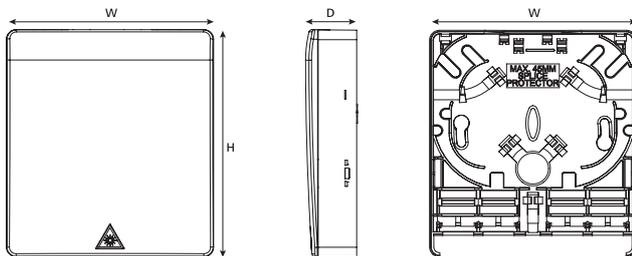
The wall mounted fibre optic outlet allows a fibre optic cable to be connected directly into the end user apartment.

Features and benefits

- Maximum capacity 2 SC Simplex or LC Duplex Fibre Adaptor
- Install directly on the wall or onto a flush-mount back box
- Cable entry at the base, through the rear of the unit or at the sides
- Accommodates up to 4 splice protectors (up to 45mm)
- Quality surface finish
- Tamper-proof latches
- Positive fibre management to ensure a 30mm minimum bend radius



Internal view of Fibre Wall Outlet with 2 x SC APC adaptors and pigtails.



External front view.

Side view.

Internal front view.



Unloaded Fibre Wall Outlet.

Technical Description

The FWO has been designed to be used as an optical telecommunications outlet with a choice of cable access options.

It is a small single socket size enclosure designed for managing up to 4 fibres within the property and can be discretely mounted on the wall close to the building entry point providing the connection point for a router or active equipment.

The closure is manufactured from ABS plastic and tamper proof latches secure the cover to the base. The closure has multiple entry points and four fibre adaptor mounting points (SC simplex or LC duplex).

TYPE	Height (H)	Width (W)	Depth (D)	Splice Protector Type	Connector Type	Description	Article-No.			
FWOA-XX-XX/WH	85	85	21	3A, ANT	-	Unloaded Fibre Wall Outlet.	857-40368			
FWOA-XX-VX/WH					SC-APC	FWO with 1 x SC SX APC Adaptor.	857-01092			
FWOA-XX-VP/WH						FWO with 1 x SC SX APC Adaptor and 1 x SC APC Pigtail.	857-01093			
FWOA-VX-VX/WH						FWO with 2 x SC SX APC Adaptors.	857-01094			
FWOA-VP-VP/WH						FWO with 2 x SC SX APC Adaptor and 2 x SC APC Pigtails.	857-01095			
FWOA-XX-LX/WH						LC	FWO with 1 x LC DX PC Adaptor.	857-40384		
FWOA-LX-LX/WH					FWO with 2 x LC DX PC Adaptors.		857-01621			
FWOA-XX-LP/WH					FWO with 1 x LC DX PC Adaptor and 2 x LC PC Pigtails.		857-01622			
FWOA-LP-LP/WH					LC-APC	FWO with 2 x LC DX PC Adaptors and 4 x LC PC Pigtails.	857-01623			
FWOA-XX-AX/WH						FWO with 1 x LC DX APC Adaptor.	857-01624			
FWOA-AX-AX/WH						FWO with 2 x LC DX APC Adaptors.	857-01227			
FWOA-XX-AP/WH						FWO with 1 x LC DX APC Adaptor and 2 x LC APC Pigtails.	857-01625			
FWOA-AP-AP/WH					SC	FWO with 2 x LC DX APC Adaptors and 4 x LC APC Pigtails.	857-01626			
FWOA-XX-SX/WH						FWO with 1 x SC PC Adaptor.	857-01235			
FWOA-XX-SP/WH						FWO with 1 x SC SX PC Adaptor and 1 x SC PC Pigtail.	857-01236			
FWOA-SX-SX/WH						FWO with 2 x SC SX PC Adaptors.	857-01627			
FWOA-SP-SP/WH									FWO with 2 x SC SX PC Adaptor and 2 x SC PC Pigtails.	857-01628

All dimensions in mm. Subject to technical changes.



View 3D Model
Scan with your smart phone



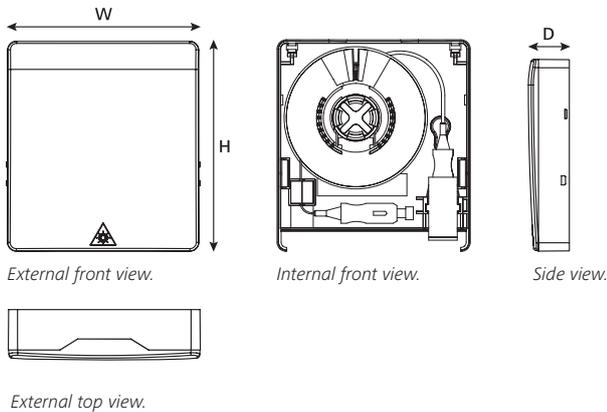
Fibre Broadband Extension Kit 30m

Fibre Optic Internal Enclosure

The Fibre Broadband Extension Kit solution has been designed to provide the property owner flexibility with positioning of the broadband router while simultaneously offering quick and easy installation for the fibre engineer or property developer.

Features and benefits

- 30m length provides Router location flexibility within the property
- Pre-terminated fibre connector for quick and easy connection
- 600µm fibre allows for cable runs to be almost invisible
- Fibre management kit provides protection for corners and edges
- Low profile outlet fits in with any home or office environment
- Minimal tools required with all fixings included
- 30mm minimum bend radius
- Integrated safety features – restricts removal of connectors/adaptors
- V0 rated



Technical Description

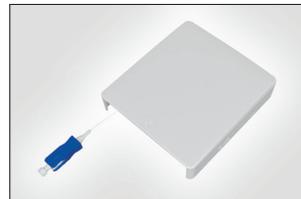
The outlet has a built-in fibre spool with 30m of 600µm white fibre. The fibre cable is pre-terminated at both ends with a fibre connection point fixed inside the outlet for the incoming fibre and a fibre connector on the fibre spool that can be run up to 30m within the property for router connection.

The 600um fibre is paintable and can also be further secured or hidden along skirting and frames by using decorator's caulk.

The lid of the outlet has a built-in locking design that prevents the spool from winding once the lid is in place. A fibre management routing kit is provided as standard and is designed for safe fibre routing of corners, bends and through walls.



Internal view of the Fibre Broadband Extension Kit with fibre spool, SC SX adaptor and connector.



Fibre Broadband Extension Kit with lid.



Internal view of the Fibre Broadband Extension Kit with fibre spool, LC DX adaptor and connector.



Application image of the Outlet in-situ.

The Fibre Broadband Extension Kit is a small single gang socket size outlet, which is manufactured from Polycarbonate + ABS V0 rated material.

Tamper-proof latches on the side of the outlet secure the cover to the base and the overhang restricts the removal of any adaptors and connectors when the cover is in place.

The base has adjustable keyholes to allow for ease of positioning and installation and each outlet is supplied with a standard fixing kit.

TYPE	Height (H)	Width (W)	Depth (D)	Length (L)	Connector Type	Pack Includes	Pack Cont.	Article-No.
SA-FFO-LP-SMA2-30M-FX1/R	95.5	86.5	24	G657. A2 - 30m	LC-APC	1x Air Fix Kit, 4 x P-clips	1	855-35027
SA-FFO-SC-SMA2-30M-FX1/R					SC-PC	1x Air Fix Kit, 4 x P-clips		855-35028
SA-FFO-SP-SMA2-30M-FX1/R					SC-APC	1x Air Fix Kit, 4 x P-clips		855-35029
SA-FFO-LP-SMA2-30M-FX1/C					50	LC-APC	1x Air Fix Kit, 4 x P-clips	855-35031
SA-FFO-SC-SMA2-30M-FX1/C						SC-PC	1x Air Fix Kit, 4 x P-clips	855-35032
SA-FFO-SP-SMA2-30M-FX1/C						SC-APC	1x Air Fix Kit, 4 x P-clips	855-35033

All dimensions in mm unless stated otherwise. Subject to technical changes.





Integrated Routing Fibre Optic Splice Tray

IR Single Element SE MKI

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- 2 fibre entry ports
- 2 mounting positions for splice inserts
- Option for optical splitter/3A or ANT splice bridge
- Optical splitter accommodation up to a maximum of 60 x 7 x 4mm
- Maximum splice capacity of 24 fibres (double stacked)
- Different splice bridge options allow for a splice type of up to 60mm



Single Element IR Coloured Splice Trays.

Technical Description

The Integrated Routing (IR) single element tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 148 x 125 x 7mm. The IR single element tray accepts a wide range of splice protector inserts and the maximum splice capacity of the tray is based on 24 double stacked heatshrink (3A) splice protectors up

to 60mm long.

The IR single element tray can accommodate 2 x 60 x 7 x 4mm optical splitters when using the optional splitter/3A or ANT splice bridge. The IR single element tray is suitable for use in the UFC-IR, FDN-IR or FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SE-IR-2X3A-06	SE-IR MKI	3A	6	White (WH)	857-40257
TRAY-SE-IR-BK-2X3A-06				Black (BK)	857-40487
TRAY-SE-IR-BL-2X3A-06				Blue (BU)	857-40504
TRAY-SE-IR-GN-2X3A-06				Green (GN)	857-40507
TRAY-SE-IR-RD-2X3A-06				Red (RD)	857-40506
TRAY-SE-IR-YL-2X3A-06				Yellow (YE)	857-40505

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Element Splitter SE-B

Features and benefits

- Positive fibre management minimum bend radius 30mm
- 2 fibre entry ports
- Supplied with either heatshrink (3A) and splitter/3A bridge inserts or ANT and splitter/ANT bridge inserts
- Black tray colour provides high contrast to standard fibre management trays
- Maximum splice capacity of 14 fibres (heatshrink/3A)



IR SE-B Tray with Splitter and 3A splice holders.

Technical Description

The Integrated Routing (IR) single element splitter tray is manufactured from black ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 148 x 125 x 7mm. The IR single element splitter tray is supplied with an optical splitter/3A or ANT splice bridge at

the front, which will accommodate 2 x 60 x 7 x 4mm optical splitters, and a 3A heatshrink (3A) / ANT bridge at the rear. The maximum splice capacity of the tray is 14 fibres based on 14 double stacked heatshrink (3A) splice protectors up to 60mm long. The IR single element splitter trays is suitable for use in the UFC-IR, FDN-IR and FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SE-IR-SP/3A-06	SE-IR MKI	Splitter, 3A	6	White (WH)	857-40416
TRAY-SE-IR-SP/ANT-06	SE-IR MKI	Splitter, Crimp (ANT)			857-40417
TRAY-BK-SE-B-IR-SP/3A-06	SE-IR MKI/BK	Splitter, 3A		Black (BK)	857-40428
TRAY-BK-SE-B-IR-SP/ANT-06	SE-IR MKI/BK	Splitter, Crimp (ANT)			857-40429

All dimensions in mm. Subject to technical changes.



Integrated Routing Fibre Optic Splice Tray

IR Single Circuit SC-B MKI

Features and benefits

- Positive fibre management minimum bend radius 30mm
- 2 fibre entry ports
- Moulded splice holder fins for heatshrink (3A) or Crimp (ANT) splice protectors
- Maximum splice capacity of 12 fibres



Single Circuit IR 3A Coloured Splice Trays.

Technical Description

The Integrated Routing (IR) single circuit SC-B trays is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of

the tray are 148 x 125 x 3.5mm. The tray is available in two styles which accept either 3A or ANT/Crimp splice protectors.

The IR single circuit SC-B tray is suitable for use in the UFC-IR, FDN-IR and FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SC-B-IR-2X3A-12	SC-B MKI	3A	12	White (WH)	857-40335
TRAY-SC-B-IR-BK-2X3A-12		3A	12	Black (BK)	857-40498
TRAY-SC-B-IR-BL-2X3A-12		3A	12	Blue (BU)	857-40499
TRAY-SC-B-IR-GN-2X3A-12		3A	12	Green (GN)	857-40500
TRAY-SC-B-IR-RD-2X3A-12		3A	12	Red (RD)	857-40501
TRAY-SC-B-IR-YL-2X3A-12		3A	12	Yellow (YE)	857-40502

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Element SE MKII

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- 2 fibre entry ports
- 2 mounting positions for splice inserts fitted with 3A splice holders
- Maximum splice capacity of 24 fibres (double stacked)
- Optical splitter accommodation up to 60 x 7 x 4mm



Single Element IR SE-IR MKII Coloured Splice Trays.

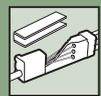
Technical Description

The Integrated Routing (IR) single element tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 124 x 7mm. The IR single element tray accepts a wide

range of splice protector holders at the front of the tray for ease of fibre measurement and installation. The maximum splice capacity of the tray is based on 24 double stacked heatshrink (3A) splice protectors up to 60mm long. The IR single element tray is suitable for use in the UFC-IR, FDN-IR or FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SE-MKII-IR-2X3A-06	SE-IR MKII	3A	12	White (WH)	857-40635
TRAY-SE-MKII-IR-BK-2X3A-06				Black (BK)	857-40639
TRAY-SE-MKII-IR-BL-2X3A-06				Blue (BU)	857-40640
TRAY-SE-MKII-IR-GN-2X3A-06				Green (GN)	857-40641
TRAY-SE-MKII-IR-RD-2X3A-06				Red (RD)	857-40642
TRAY-SE-MKII-IR-YL-2X3A-06				Yellow (YE)	857-40643

All dimensions in mm. Subject to technical changes.



Integrated Routing Fibre Optic Splice Tray

IR Single Circuit SC-B MKII

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- 2 fibre entry ports
- Moulded splice holder fins for 3A splice protectors
- Maximum splice capacity of 12 fibres



Single Circuit IR SC-B MKII Coloured Splice Trays.

Technical Description

The Integrated Routing (IR) single circuit SC-B MKII tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 124 x 3.5mm. The IR single circuit tray moulded splice

protector holders are positioned at the front of the tray for ease of fibre measurement and installation. The maximum splice capacity of the tray is based on 12 heatshrink (3A) splice protectors up to 60mm long. The IR single circuit tray is suitable for use in the UFC-IR, FDN-IR or FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SC-B-MKII-IR-2X3A-12	SC-B MKII	3A	12	White (WH)	857-40684
TRAY-SC-B-MKII-IR-BK-2X3A-12				Black (BK)	857-40685
TRAY-SC-B-MKII-IR-BL-2X3A-12				Blue (BU)	857-40686
TRAY-SC-B-MKII-IR-GN-2X3A-12				Green (GN)	857-40687
TRAY-SC-B-MKII-IR-RD-2X3A-12				Red (RD)	857-40688
TRAY-SC-B-MKII-IR-YL-2X3A-12				Yellow (YE)	857-40689

All dimensions in mm. Subject to technical changes.

Splice Protector Holders

Fibre Splice Tray Accessories

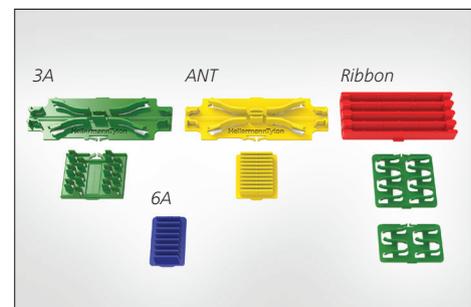
Features and benefits

- Used to secure different types of splice protector within the splice tray
- 8 options available for the most common applications
- Optical splitter/3A or ANT option

Technical Description

A range of Splice Protector Holders (Splice Bridges) to allow for different types of splice protectors in the tray. Inserts are suitable for use with HellermannTyton Hellipse NZDF-SE-A/SE-B, IR-SE and Hellapon Medium

(Style C)/Small and Hellamass Large trays. All trays accept 2 splice protector holders excluding the Hellamass Large which accepts 12 inserts.



Splice Bridges

TYPE	Description		Compatible Trays	Colour	Pack Cont.	Recov. Ø d max.	Article-No.
BRIDGE-3A	Splice Protector Holder	3A	IR trays: SE-B, SE, SE MKII Tubed trays: Hellamass Large, Hellapon Medium (Style C) & Hellapon Small, Hellipse NZDF-SE-A/SE-B	Green	10	2.4	857-40298
BRIDGE-6A		6A		Blue	10	1.6	857-40299
BRIDGE-CRIMP		ANT		Yellow	10	-	857-40300
BRIDGE-MECH		RIBBON		Red	10	4.75	857-40301
BRIDGE-SP/3A	Splitter/Splice Protector Holder	3A		Green	10	2.4	857-40426
BRIDGE-SP/ANT	Splitter/Splice Protector Holder	ANT		Yellow	10	-	857-40427
BRIDGE-RIBBON-4WAY	Ribbon Splice Protector Holder	RIBBON	SE-IR MKII	Green	10	4.5x3.8	857-40705
BRIDGE-RIBBON-6WAY	Ribbon Splice Protector Holder		Multi-Ribbon Tray	Green	10	4.5x3.9	857-40706

All dimensions in mm. Subject to technical changes.

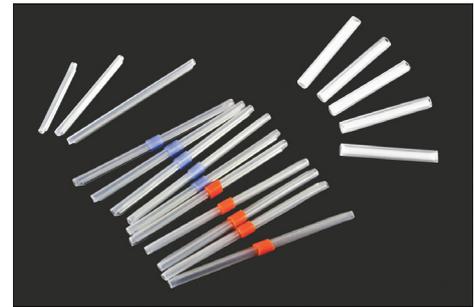


Splice Protectors

Fibre Splice Tray Accessories

Features and benefits

- Clear sleeve allows visual location of splice
- Stainless steel rod or ceramic member to provide additional support to the joint
- 3A/6A versions available
- Suitable for fibre sizes 250/900µm
- Low shrink temperature
- Coloured anti-vibration band available



Fibre Splice Protectors (assortment shown).

Technical Description

HellermannTyton's range of fibre splice protectors are specifically designed for the mechanical and environmental protection of fused fibre splices. The splice protectors consist of clear heat shrinkable tubing to allow for visual location of the splice

prior to heat shrinking with a pre-installed stainless steel (3A/6A) reinforcing rod. The tubing has a wide operating range -45°C to +100°C and a full recovery temperature of 120°C.

TYPE	Splice Protector Type	Anti-Vibration Band Colour	Pack Cont.	Length (L)	Recov. Ø d max.	Article-No.
FSP 35MM	3A	-	100	35	2.4	857-40262
FSP 45MM	3A	-	100	45	2.4	857-40263
FSP 60MM	3A	-	100	60	2.4	857-40264
FSP650	3A	Blue (BU), Orange (OG)	80	35	2.4	857-40120
FSP738	3A	Blue (BU), Orange (OG)	80	45	2.4	857-40127
FSP1242	3A	Blue (BU), Orange (OG)	100	60	2.4	857-40112
FSP3563	6A	-	80	25	1.6	857-40118
FSP3564	6A	-	80	40	1.6	857-40119

All dimensions in mm. Subject to technical changes.

Cable Glands

Fibre Optic Enclosure Accessories

Features and benefits

- Cable range coverage from 5mm to 18mm
- Supplied in multiples of 5
- M25 Gland suitable for use with MDU S4 or MDU S5
- M20 Gland suitable for use with MDU S3, MDU S4 or MDU S5



Selection of M25 Cable Glands.

Technical Description

A range of M20 and M25 cable gland kits each of which contain 5 x cable glands. The cable gland is fitted in to the cable entry

port which is secured to the enclosure to provide additional fibre management and support.

TYPE	Suitable for Cable Ø from/to	Pack Cont.	Description	Article-No.
CG-M20-5-9MM-05	5 - 9	5	M20 5-9mm Cable Glands	857-40525
CG-M20-6-12MM-05	6 - 12	5	M20 6-12mm Cable Glands	857-40526
CG-M20-10-14MM-05	10 - 14	5	M20 10-14mm Cable Glands	857-40527
CG-M25-9-16MM-05	9 - 16	5	M25 9-16mm Cable Glands	857-40528
CG-M25-13-18MM	13 - 18	5	M25 13-18mm Cable Glands	857-40529

All dimensions in mm. Subject to technical changes.



MDU Locks

Fibre Optic Enclosure Accessories

Features and benefits

- Polished chrome finish
- Supplied with 2 keys for MDU S3 or MDU S5
- Triangular Key option for MDU S5 only

Technical Description

A 10.5mm 4 pin radial pin tumbler lock suitable for use with the MDU S3 wall box. The lock has a polished chrome finish and is supplied with a 13mm flat cam, two keys and all fixings.

An 8mm industry standard Triangular drive (tri-drive) cam lock which is suitable for use with the MDU S5 wall box. The lock has

a chrome plated finish and is supplied with 30mm flat cam and all fixings. Key supplied separately

A 20.5mm quarter turn cam lock suitable for use with the MDU S5 wall box. The lock has a chrome plated finish and is supplied with a 30mm flat cam, two keys and all fixings.



MDU S5 1/4 turn keyed lock.



MDU S3 1/4 turn keyed lock.



MDU S5 triangular key lock.

TYPE	Pack Cont.	Description	Article-No.
LOCK-S3-KG	1	1/4 turn keyed lock for the MDU S3.	857-40532
LOCK-S4-CAM	1	20mm Cam Lock for the MDU S4.	857-40708
LOCK-S4-UK	1	Lock unique key for the MDU S4 - 9113A.	857-40707
LOCK-S5-TTG	1	A 8mm Tri-drive Cam Lock for the MDU S5.	857-40534
LOCK-S5-KG	1	1/4 turn keyed lock for the MDU S5.	857-40533
KEY-S5-TTG	1	8mm Triangular Key for Lock-S5-TTG	857-40545

All dimensions in mm. Subject to technical changes.

MDU Anchor Kits

Fibre Optic Enclosure Accessories

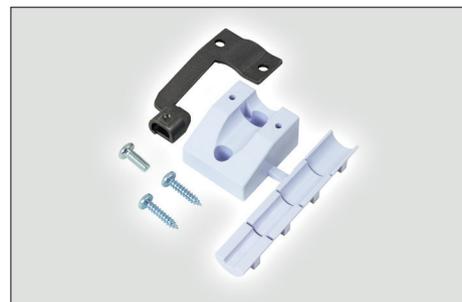
Features and benefits

- Provides strain relief to fibre optic cables maximum diameter 13mm or fibre optic cables with solid strength members
- Simple installation
- Suitable for use with MDU S3, MDU S4 or MDU S5

Technical Description

Two anchor kits for use within the MDU S3, MDU S4 and MDU S5. Both kits are used to secure the cable and strength member inside the enclosure. Designed to

ensure that no undue stress is put upon the fibre cables which may affect the optical performance.



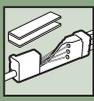
MDU S3 Anchoring Kit.



MDU S4/S5 Anchoring Kit.

TYPE	Cable Ø min.	Cable Ø max.	Pack cont.	Description	Article-No.
S3-AK-001	13	4.5	Clamp Base (Plastic) Anchor Bracket (Metal) Fixing Screws	Anchor Kits for MDU S3	857-40530
S5-AK-001	0.1	4.5	Anchor bracket (Metal) Fixing Screws	Anchor Kits for MDU S4 and MDU S5	857-40531

All dimensions in mm. Subject to technical changes.



MDU Seals

Fibre Optic Enclosure Accessories

Features and benefits

- Single seal to manage 24 x 7mm drops for MDU S4 or MDU S5
- Single seal to manage 24 x 5mm drops for MDU S3
- Loop through seal for cable diameter 3.0mm to 14.0mm
- Quick and simple to install

Technical Description

There are two different seals available for the MDU S3, MDU S4 and MDU S5. Both provide excellent cable and tube management for incoming and outgoing cables to the enclosures.

The S4 and S5 drop seal can accommodate up to 24 x 7mm drop cables/tubes, whereas the S3 drop seal

can hold up to 24 x 5mm drops.

The loop through seals for both the S4/S5 and S3 can accept a cable diameter of 3.0mm through to 14.0mm, again providing an excellent seal into the enclosure while making the cable more secure.



MDU S4/S5 24x7mm and MDU S3 24x5mm Multi Drop Seals.



MDU S4/S5 3-14mm Loop Through Seal.



MDU S3 3-14mm Loop Through Seal.

TYPE	Cable Ø min.	Cable Ø max.	Pack cont.	Description	Article-No.
LG-S3-3MM-14MM	14	3	Loop Gland Seal Plates, Cable Diameter Spacers and Cable Anchor Clamp	MDU S3 Loop Through Seal 3mm - 14mm	857-50232
LGS-S5-3MM-14MM	14	3	Loop Gland Seal Plates, Cable Diameter Spacers and Cable Anchor Clamp	MDU S4 and MDU S5 Loop Through Seal 3mm - 14mm	857-50233
MDS-S3-24X5MM	5	-	Drop Gland Seal Plate and Multi Drop Seal	MDU S3 Drop Seal 24 x 5mm	857-50234
MDS-S5-24X7MM	7	-	Drop Gland Seal Plates and Multi Drop Seal	MDU S4 and MDU S5 Drop Seal 24 x 7mm	857-50235
MDSL-P-S3-24X5MM*	5	-	Drop Gland Seal Plates, Multi Drop Seal and Lock Fixing Plate	MDU S3 Drop Seal 24 x 5mm + Lock Plate	857-50236

All dimensions in mm. Subject to technical changes. *Required if the MDU S3 is fitted with a lock.

Fibre Adaptors

SC Adaptors

Features and benefits

- A range of high performance Single Mode SC Adaptors
- SC SX or SC DX versions
- APC + UPC

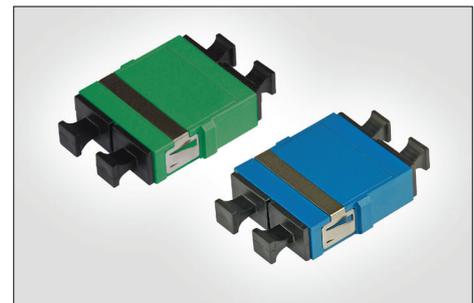
Technical Description

The fibre adaptor is used to mate two connectors together aligning the ferrule of the connectors keeping the fibres in perfect alignment and minimising losses. The fibre adaptors fool proof design and audible click mechanism provide a secure inter-connect.

The adaptor is supplied with secure fit dust caps which have a high mechanical

retention ensuring they remain in place if they are accidentally knocked or encounter excessive vibration.

All fibre adaptors and connectors comply with the IEC874-14 standard ensuring interoperability.



SC APC and PC Duplex.



SC APC and PC Duplex.

TYPE	Performance Category	Height (H)	Width (W)	Depth (D)	Port count	Colour	Article-No.
FBASMBL-SCSCDX-FL001T	Single Mode	9.3	22	44	2	Blue (BU)	855-20059
FBAAPGN-SCSCDX-FL001T	Single Mode	9.3	22	44	2	Green (GN)	855-20062
FBASMBL-SCSCSX-FL001T	Single Mode	9.5	15	44	1	Blue (BU)	855-20061
FBAAPGN-SCSCSX-FL001T	Single Mode	9.5	15	44	1	Green (GN)	855-20057

All dimensions in mm. Subject to technical changes.



Fibre Adaptors

LC Adaptors

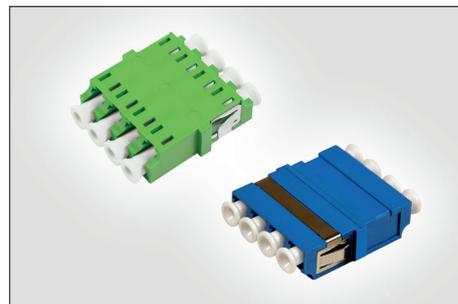
Features and benefits

- A range of high performance Single Mode LC Adaptors
- APC + UPC
- LC SX, DX + Quad versions

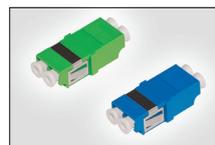
Technical Description

The fibre adaptor is used to mate two connectors together aligning the ferrule of the connectors keeping the fibres in perfect alignment and minimising losses. The adaptor has a simple to use latched

lever mechanism which prevents accidental disconnection and precision housing for optimum performance. All fibre adaptors and connectors comply with the IEC874-14 standard ensuring inter-operability.



LC APC and PC Quad Adaptors.



LC APC and PC Duplex.



LC APC and PC Simplex.

TYPE	Performance Category	Height (H)	Width (W)	Depth (D)	Port count	Colour	Article-No.
FBASMBL-LCLCDX-FL001T	Single Mode	9.3	15	35	2	Blue (BU)	855-20058
FBAAPGN-LCLCDX-FL001T	Single Mode	9.3	15	35	2	Green (GN)	855-20053
FBASMBL-LCLCQD-FL001T	Single Mode	9.3	28	35	4	Blue (BU)	855-20074
FBAAPGN-LCLCQD-FL001T	Single Mode	9.3	28	35	4	Green (GN)	855-20054
FBASMBL-LCLCSX-FL001T	Single Mode	13.1	6.9	27	1	Blue (BU)	855-20064
FBAAPGN-LCLCSX-FL001T	Single Mode	13.1	6.9	27	1	Green (GN)	855-20063

All dimensions in mm. Subject to technical changes.

Fibre Pigtails

LC and SC Pigtails

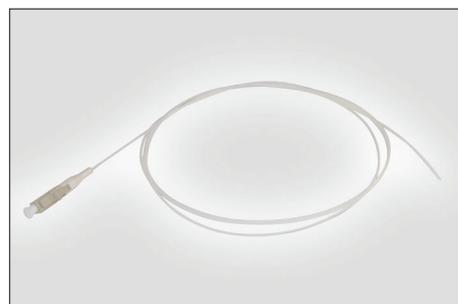
Features and benefits

- A range of single mode pigtails
- LC and SC Connectors
- Manufactured to ISO standards
- Pre-terminated connector saves installation time on site
- 1m or 1.5m lengths
- 600µm and 900µm tight buffered fibre optic cable
- Pre-tested with test results supplied

Technical Description

The LC Pigtails are manufactured using 600µm or 900µm tight buffered cable in OS2 as standard.

All LC Pigtails are tested prior to despatch and individually bagged with individual test certificates.



LC Fibre Pigtails.

TYPE	Performance Category	Colour	Length (L)	Port count	Connector Colour	Article-No.
FBTXOS2-LCXXSW-01.0M-APC-T	G657.A1	White (WH)	1	1	Green (GN)	855-25054
FBTXOS2-LCXXSW-01.0M-T	G657.A1	White (WH)	1	1	Blue (BU)	855-25056
FBTXOS2-LCXXSW-01.5M-APC-600	G657.A1	White (WH)	1.5	1	Green (GN)	855-25071
FBTXOS2-LCXXSW-01.5M-APC-T	G657.A1	White (WH)	1.5	1	Green (GN)	855-25072
FBTXOS2-LCXXSW-01.5M-PC-600	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25073
FBTXOS2-LCXXSW-01.5M - T	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25074
FBTXOS2-SCXXSW-01.5M-APC-600	G657.A1	White (WH)	1.5	1	Green (GN)	855-25067
FBTXOS2-SCXXSW-01.5M-T-600	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25068
FBTXOS2-SCXXSW-01.5M-APC-T	G657.A1	White (WH)	1.5	1	Green (GN)	855-25069
FBTXOS2-SCXXSW-01.5M-PC-T	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25070
FBTXOS2-SCXXSW-01.0M-T	G657.A1	White (WH)	1	1	Blue (BU)	855-25055
FBTXOS2-SCXXSW-01.0M-APC-T	G657.A1	White (WH)	1	1	Green (GN)	855-25057

All dimensions in metres (m). Subject to technical changes.



Rear Mounting Storage Bracket

Fibre Optic Enclosure Accessories

Features and benefits

- Dual use; MDU mounting and drop cable storage
- Stores up to 4m of drop cable
- Allows easy removal of MDU to working level
- Integrated hook to hang the MDU from
- Multiple anchor points
- Grey Powder coated stainless steel

Technical Description

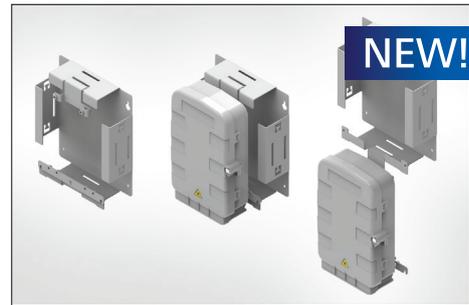
The Rear mounting storage brackets have been designed to allow for effective MDU wall mounting at both low and high levels.

The MDU is fitted to a back plate which then secures to the wall mounted storage bracket.

It allows engineers to safely remove the MDU and bring it down to working level. The back plate also features a hook system

that allows engineers to hang the MDU off the storage bracket and offers flexibility in working methods and environments.

The storage bracket has been designed to hold and store up to 4 metres of drop cable. A number of anchor points are located around the bracket to allow for multiple cable tie points, ensuring stability and security for the stored drop cable.



Basket with MDU S1 in-situ and hung off the Rear Mounting Storage Bracket.



Unloaded MDU S1XS Basket.



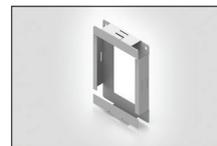
Unloaded MDU S1 Basket.



Unloaded MDU S2 Basket.



Unloaded MDU S3 Basket.



Unloaded MDU S4 Basket.



Unloaded MDU S5 Basket.

TYPE	Height (H)	Width (W)	Depth (D)	Drop Cable Length (L)	Drop Cable Quantity	Colour	Article-No.
MDU-S1XS-RMSBRKT/GY	236	180	80	4m	12 x 3mm	Grey	857-40699
MDU-S1-RMSBRKT/GY	228	186	71	4m	12 x 3mm		857-40700
MDU-S2-RMSBRKT/GY	368	206	62	4m	24 x 3mm		857-40701
MDU-S3-RMSBRKT/GY	357	228	63	4m	24 x 3mm		857-40702
MDU-S4-RMSBRKT/GY	416	285	63.5	4m	64 x 3mm		857-40703
MDU-S5-RMSBRKT/GY	521	360	65	4m	64 x 3mm		857-40704

All dimensions in mm unless otherwise stated. Subject to technical changes.