

## FRBCT 16 Port Connectorised Closure

### M-Length

#### Application Information

The FRBU 16 Port Connectorised fibre splice closure range offers a closure for a wide range of FTTx applications for P2P and P2MP topologies.

The FRBU M Length 16 Port Connectorised Closure is supplied with a UV stable polypropylene base with a base configuration of 16 round ports and 1 oval port for loop through applications with a cable range of 1.7mm to 15.0mm when using Cablelok mechanical seals.

The mounting system is manufactured from 1.2mm Grade 304 stainless steel and accommodates 2 Hellapon Small splice trays. Each Hellapon Small splice tray can manage a maximum of 4 PLC splitters or 24 3A splices.

The mounting system has an integrated adaptor mounting plate which manages 4 LC APC Quad Adaptors and a loop storage basket for loop through applications. A removable connector shield is fitted to the back of the mounting support to provide additional protection to the connections.

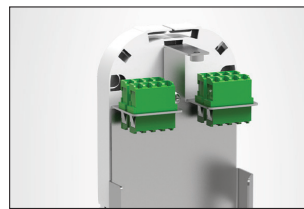
In base features for closure mounting on poles, building facades or inside underground chambers enable the cover to be removed whilst the closure is still mounted allowing in-situ installation and maintenance.

#### Features and Benefits:

- Maximum of 16 LC/APC connections
- Maximum splice capacity
  - P2P – 48 3A splices (double stacked)
  - P2MP – 36 3A splices and 2 x 1:8 PLC splitters
- 16 Round Ports and 1 Oval Port
- Cablelok compatible for all port sizes
- Quick release cover
- Integrated closure mounting points for Mobra, Pole and Facade fixing
- Manufactured to IP68 – BS EN 50411-1-2-4-2012
- Compliant with IEC 61753 and 61300-3-34



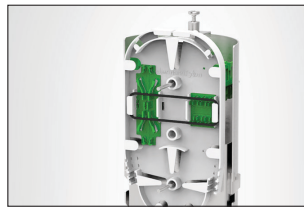
FRBU Connectorised M-Length 16 Port Closure.



View of 4 x LC Quad Adaptors.



Rear view.



FRBCT with 3A Splitter / Splice Bridge.



FRBCT with Lid.

Article No.	Part Code	Closure Length	Tray		Splice Protector Type	Adaptor		Splitter		Closure Dimensions		
			Qty	Type		Type	Qty	Qty	Type	D1	D1	Length
857-02275	FRBCT-MXXSA21-M4	M	2	Hellapon Small	3A	LC/APC Quad	4	2	1:8 Bare End to LC/APC PLC Splitters	130	130	360
857-02594	FRBCT-MXXSA21-M2							1				
857-02593	FRBCT-MXXSA21-MX							0	N/A			

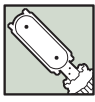
#### Splitter Specification

	Unit	1:8 Splitter
IL (Typ.)	dB	10.23
IL (Max.)	dB	10.8
Uniformity	dB	≤0.8
PDL	dB	≤0.20
RL	dB	≥55
Directivity	dB	≥55
Operating & Storage Temperature	°C	-40 - 85

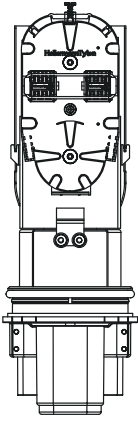
#### Technical Data

Number of Ports	1 LM Cablelok + 16 R Port Cablelok
IP Rating	68 (8m HOW Cablelok)
Mechanical IK Protection	IK09

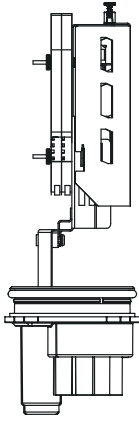
Subject to technical changes.



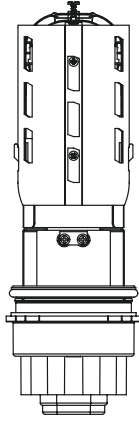
### Technical Diagrams



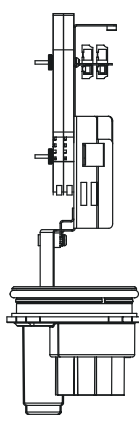
Front view.



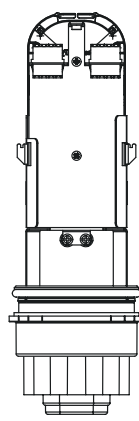
Side view.



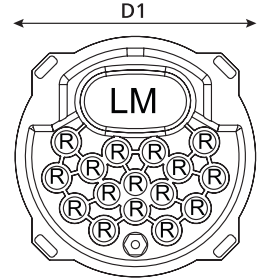
Rear view.



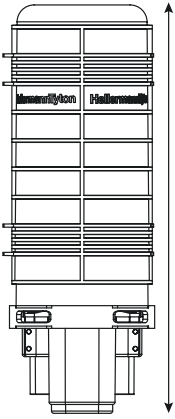
Side view with shield removed.



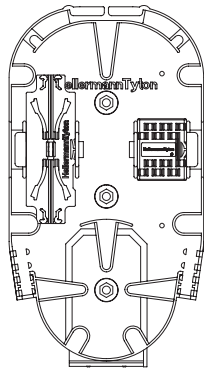
Rear view with shield removed.



FRBU 16 Port Base Configuration.



Front View with lid.



Hellapon Small Tray with 3A Splitter / Splice Bridges.