



FRBU IP9 Hardened Connector Base

8 x SC/APC Connections

Application Information

The IP9 hardened connector closure is optimised for use in both underground and aerial FTTH last mile applications.

The closure is configured with 8 IP68 harsh environment connectors and a single LM oval port for loop through applications.

The IP68 hardened connector ports are fitted with SC/APC connectors and the oval port allows cables or ducts from 4.0mm to 15.0mm to be mechanically sealed to the base using HellermannTyton cablelok.

The closure has been designed to support both P2P (Point to Point) or P2MP (Point to Multi Point) applications and can be supplied with either pigtailed or pre-connectorised PLC splitters supporting either a 1:4 or 1:8 configuration.

The IP9 FRBU is supplied with 2 Hellapon Small splice trays, supporting a maximum of 48 3A splices and a loop storage basket for the management of any excess fibre.

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:

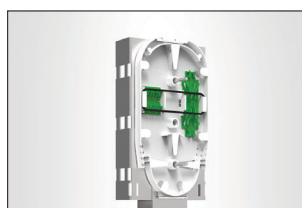
- Manufactured to IP68 – BS EN 50411-1-2-4-2012
- Available in P2P and P2MP configurations
- P2MP configurations supplied with 1:4 or 1:8 bare end to SC/APC pre-connectorised PLC splitters
- Compliant with IEC 61753 and 61300-3-34
- 8 SC/APC hardened connector ports
- 1 oval port for loop through applications
- Maximum 24 splices per tray (double stacked)
- Fitted with 2 Hellapon Small splice trays
- Quick release cover

Technical Data

Dimensions (mm)	L	D1	D2
	360	130	130
Base Type	IP9 Hardened Connector/Cablelok		



FRBU IP9 M-Length.



View of tray with splitter bridge.



Rear view.



View of hardened connectors.

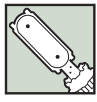


FRBU IP9 with Lid.

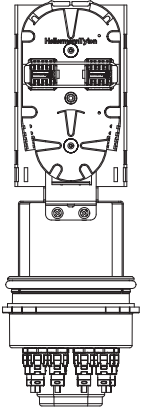
Splitter Specification

	Unit	1 x 4	1 x 8
IL (Typ.)	dB	6.85	10.23
IL (Max.)	dB	≤7.3	10.8
Uniformity	dB	≤0.5	≤0.8
PDL	dB	≤0.20	
RL	dB	≥55	
Directivity	dB	≥55	
Operating & Storage Temperature	°C	-40 to +85	

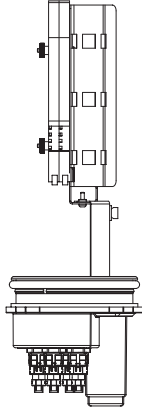
TYPE	IP9 Port	Oval Port	Tray Type	Tray Qty	Splice Protector Type	Basket Size	Article No.
FRBCT-MXXIA21T8-2x1:4	SC/APC	LM	Hellapon Small	2	3A	Small	857-02780
FRBU, M Length, 2 Hellapon Small 3A Splice Trays, 8 X SC APC Simplex Connections, 2 x 1:4 PLC Splitters							
FRBCT-MXXIA21T8-1X1:8							857-02781
FRBU, M Length, 2 Hellapon Small 3A Splice Trays, 8 X SC APC Simplex Connections, 1 X 1:8 PLC Splitter							
FRBCT-MXXIA21T8-8XPT							857-02782
FRBCT-MXXIA21T8							857-02783
FRBU, M Length, 2 Hellapon Small 3A Splice Trays, 8 X SC APC Simplex Connections							



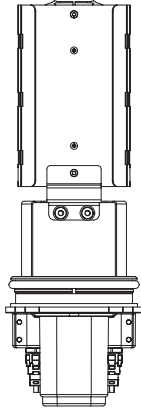
Technical Diagrams



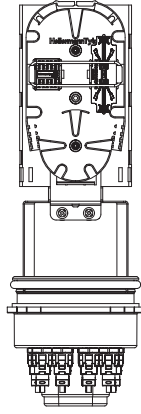
Front view.



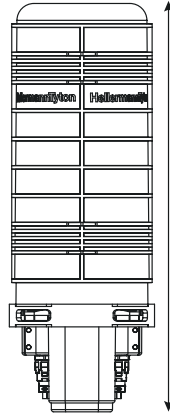
Side view.



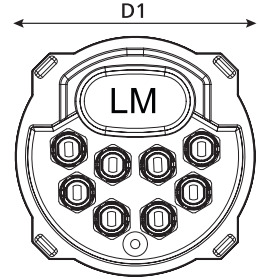
Rear view.



Front view of splitter tray.



Front View with lid.



FRBU IP9 Base Configuration.