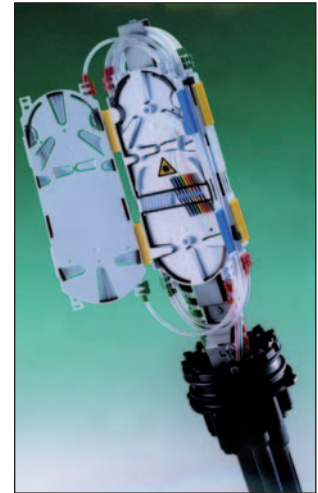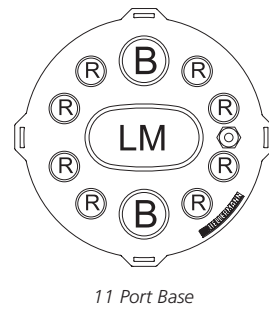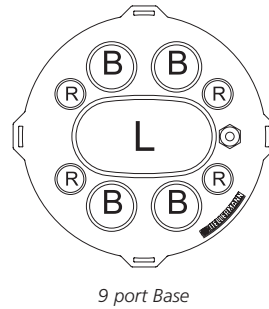## FRBU - Fibre Residential and Business Unit

The FRBU is a cap-ended ready access closure of compact size used for the organisation and protection of fibre optic cable splices in aerial, underground and direct buried installations.

It is available with 2 base configurations having 8 or 10 round cable ports and an oval port for loop through applications. The closure cover is fitted with a pressure release valve and is environmentally sealed to the base using a rolling "O" ring. Cables are sealed using either heatshrink sleeving or Cablelok™ non-heatshrink seals (see page 32).

The FRBU can be supplied with 2 tray options. 2 to 6 Hellapon™ - Medium trays are mounted on a central rigid support. The trays can be stacked (short cover) or with 2 side hinges (long cover). Alternatively 6 Hellapon™ - Small trays mounted on flexible end hinges (short cover) are available.

- Maximum 96 fibre (72 fibre recommended) capacity using standard heatshrink splice protectors
- Approvals from PTT's worldwide
- Hellapon™ - Medium trays have integral splice fins
- Hellapon™ - Small trays giving compact size closures with interchangeable inserts for various types of splices (see page 9)
- Base to cover clamp with quick release Snapperband™ or stainless steel latch clamp
- The heatshrink kits are supplied with 1 sleeve and branch clip for the oval port and 2 sleeves for the round ports
- Cablelok™ kits are supplied with 1 off each R1, R2, R3 and 2 off B2 Cableloks™. 9 port Hellapon™ - Medium tray kits also have 1 off L1 Cablelok™
- The kits are also supplied with cable surface preparation, management and identification materials
- For kit options not listed or spur cable sealing kits, please contact our Sales Office

9 port Base

11 Port Base

Hinged FRBU with Hellapon™ - Medium trays

Stacked FRBU with Hellapon™ - Medium trays

FRBU Dimensions (mm)		
Type	**Length**	**Diameter**
Hellapon™ - Medium Side Hinged	505	130
Hellapon™ - Medium Stacked	435	130
Hellapon™ - Small Flexible Hinged	435	130

FRBU Port & Cable Details			
Port	**No. of Ports**	**Cable Range (mm)**	
		Cablelok™	**Heatshrink**
L	1	2 x 13.0 - 22.0	2 x 12.0 - 24.0
LM	1	2 x 9.5 - 22.0	2 x 8.0 - 22.0
B	2 or 4	4.8 - 16.5	6.0 - 19.0
R	4 or 8	1.7 - 9.5	4.0 - 11.0

HellermannTyton

Typical Applications

Hinged FRBU with Hellapon™ - Medium Tray

- Splicing low to medium fibre count distribution cables in trunk, fibre to the kerb (FTTK) and CATV networks

Stacked FRBU with Hellapon™ - Medium Tray

- For network maintenance and repair
- CCTV installations - multiple cable entries and drops

FRBU with Hellapon™ - Small Tray

- Splicing medium fibre count cables in trunk networks

Accessories

- Port opening tools TPC1939, TPC1940 and TPC3337 (see page 35)
- Pole or wall mounting bracket kit ACC1037 (see below)
- Cover release tool TCR1726 (see page 35)
- Additional Hellapon™ - Medium Tray kit ACC1341 (UNS 857-40003)

FRBU with Hellapon™ - Medium trays and loop storage basket

Hinged FRBU with Hellapon™ - Medium Trays					
UNS No.	Reference	No. of Ports	No. of Trays	Type of Tray	Method of Sealing
857-00138	**FRBU2565**	9	6	Hellapon™ - Medium	Cablelok™
857-00132	**FRBU2372**	9	6	Hellapon™ - Medium	Heatshrink
857-00164	**FRBU3771***	9	3	Hellapon™ - Medium	Cablelok™
857-00165	**FRBU3772***	9	3	Hellapon™ - Medium	Heatshrink

*Closure is fitted with fibre loop storage basket

Stacked FRBU with Hellapon™ - Medium Trays					
UNS No.	Reference	No. of Ports	No. of Trays	Type of Tray	Method of Sealing
857-00103	**FRBU1313**	9	2	Hellapon™ - Medium	Heatshrink
857-00104	**FRBU1314**	9	4	Hellapon™ - Medium	Heatshrink
857-00105	**FRBU1315**	9	6	Hellapon™ - Medium	Heatshrink
857-00113	**FRBU1323**	9	2	Hellapon™ - Medium	Cablelok™
857-00114	**FRBU1324**	9	4	Hellapon™ - Medium	Cablelok™
857-00115	**FRBU1325**	9	6	Hellapon™ - Medium	Cablelok™
857-00100	**FRBU1310**	11	2	Hellapon™ - Medium	Heatshrink
857-00101	**FRBU1311**	11	4	Hellapon™ - Medium	Heatshrink
857-00102	**FRBU1312**	11	6	Hellapon™ - Medium	Heatshrink
857-00110	**FRBU1320**	11	2	Hellapon™ - Medium	Cablelok™
857-00111	**FRBU1321**	11	4	Hellapon™ - Medium	Cablelok™
857-00112	**FRBU1322**	11	6	Hellapon™ - Medium	Cablelok™

FRBU with Hellapon™ - Small trays

FRBU with Hellapon™ - Small Trays					
UNS No.	Reference	No. of Ports	No. of Trays	Type of Tray	Method of Sealing
857-00155	**FRBU3579**	9	6	Hellapon™ - Small	Cablelok™
857-00156	**FRBU3580**	9	6	Hellapon™ - Small	Heatshrink

FRBU/FST Mounting Bracket ACC1037 (UNS 857-40000)