



FDN IR

FDN 59 Port Integrated Routing Closure

B Length

Features and Benefits

- Maximum 576 fibre splice capacity when using SC-B tray
- 58 round ports and 1 oval port
- Positive fibre management to ensure consistent 30mm minimum fibre bend radii throughout
- Bi-directional fibre routing
- Accommodates SC, SC-B and SE trays
- Maximum 12 splices per tray
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
- Optional pressure release valve



FDN IR 59 Port B-Length Closure

FDN 59 Port Base Port Configuration

Technical Description

The FDN 59 Port Integrated Routing (IR) B Length closure is supplied with a Polypropylene base. The base configuration of 58 round ports and 1 oval port covers a cable diameter range of 1.7 – 29.0mm when using Cablelok mechanical seals and 6.0 – 35.0mm when using heatshrink.

The mounting system is manufactured from Grade 304 stainless steel and the backplane is an aluminium extrusion which can accommodate up to 24 IR SE trays or 48 IR SC/SC-B trays or a combination of SE, SC and SC-B trays. The position of the mounting system allows easy access for the routing of the fibre on to the trays. The trays and fibre

optic routing module 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 fibre elements in 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 slot retaining block and tray retaining clips are coloured red to aid in identification if they are dropped.

TYPE	Width D1 (mm)	Width D2 (mm)	Length L (mm)	Base Type	Tray Type	Tray Quantity	Splice Protector Type	Article-No.
FDNIR-BXXCXW	312	222	663	Cablelok, Heatshrink	IR SC	48	3A	857-00501
FDNIR-BXXCXN	312	222	663	Cablelok, Heatshrink	IR SC-B	48	3A	857-00901
FDNIR-BXXCWX	312	222	663	Cablelok, Heatshrink	IR SE	24	3A	857-00500
FDNIR-BXXCXX	312	222	663	Cablelok, Heatshrink	Not supplied	-	-	857-00499

Products listed are for standard configurations, other configurations and splice insert types are available - see Page 176

Content of Set/Kit

- FDN 59 Port IR Base
- B-Length Cover (Dome)
- Quick Release Clamp
- Sealing 'O' Ring
- Fibre Optic Routing Module
- Fibre Optic Storage Unit
- Fibre Optic Storage Unit Lid
- Fibre Slot Entry Module
- Fibre Slot Retaining Block
- Reusable Cable Ties
- Tray Lid
- Tray Tool
- Anchor Fixing Kit (3)
- Spiral Binding
- Isopropyl Alcohol Wipes
- Desiccant
- Installation Guide
- Marker Kit
 - Red Marker 1 - 48
 - Green Marker 1 - 48