

## Specification Sheet

Part Number: FDNIRCXXCXX



FDN IR 59 port C-Length, No Trays, PP, Black, 1/pkg

**Article Number**

857-00505

**Type**

FDNIR-CXXCXX

**Color**

Black (BK)

**Features & Benefits**

- 52 drop ports and one oval port (for loop-through cable); ideal for FTTx and trunk applications.
- Oval-shaped body for installation where space is limited.
- Fiber loop storage basket for loop-through installations.
- Closure cover is environmentally sealed with a high-quality clamp and seal.

**Quantity Per**

box

**Product Description**

The 59-port FDN is a medium-sized, oval, fiber-optic splice closure. Its high drop port count is particularly suited for use in FTTH access networks. The Integrated Routing (IR) FDN closure has a modular fiber management system available in a range of lengths to suit the number of fibers and splices required. The IR system ensures positive fiber management; a 30 mm bend radius can be maintained from cable entry all the way up onto the splice trays. Trays are supplied in packs of 12 (SC-B) or six (SE), available in multiple colors for color coding within the enclosure, can be easily installed onto the IR backplane as needed and can be configured to accommodate heat shrink fusion splice sleeves and/or a selection of fiber-optic splitters. Closure has a maximum splice capacity of 864 fibers using SC-B trays and can be fitted with a flash test valve and/or grounding feed through. Its cover is environmentally sealed with a high-quality clamp and seal. Cable ports can be sealed using either Cablelok mechanical seals or heat-shrink sleeves.

**Short Description**

FDN IR 59 port C-Length, No Trays, PP, Black, 1/pkg

**Global Part Name**

FDNIR-CXXCXX

**Technical Description**

The FDN 59 Port Integrated Routing (IR) C 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 36 IR SE trays or 72 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.

**Contents of pkg/kit**

FDN 59 Port IR Base C-Length Cover (Dome) Quick Release Clamp Sealing O-Ring Fiber Optic Routing Module Fiber Optic Storage Unit Fiber Optic Storage Unit Lid Fiber Slot Entry Module Fiber 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

**Port Count**

4 52 1 2

**Variant**

Outdoor Enclosure

<b>Material</b>	Polypropylene (PP)
<b>Material Shortcut</b>	PP
<b>Reach Complaint(Article 33)</b>	Yes
<b>Package Quantity(Imperial)</b>	1
<b>Package Quantity (Metric)</b>	1
<b>Customs Number</b>	9030400000
<b>Content Unit(BMEcat)</b>	pcs.
<b>Weight (Metric)</b>	5.0
<b>Weight (Imperial)</b>	11.023