

Description

The rack mount splice and termination patch panel (Fig. 1) perform fiber splicing, distribution, termination, patching, storage and management in one unit. They support both cross-connect and interconnect architecture, and provide interfaces between outside plant cables and transmission equipment.

The box has economical design with a removable top cover allowing the access of the splice tray(s) from the top as shown in Fig. 2. Additional splice trays (Fig. 3) can be stacked on top to increase capacity. Each splice tray can accommodate up to 24 single fiber splice protection sleeves (with diameter of 2.3mm) or 6 ribbon splice protection sleeves. Splice trays can be opened individually and removed from the box. Excess length of cables/pigtails is stored in reels. The outside-plant cable input ports are located at the rear panels.

The splice and termination patch panels are rackmountable in standard 19" or ETSI (515mm) equipment rack, and are available in RackUnit of 1 or 2.

The box accepts various adapter types. The box with height of 1 or 2 Rack Unit has a capacity of 24 or 48 for SC, ST and FC, and a capacity of 48 or 96 for LC and MTRJ.

Features

- 19", ETSI or 23" rack mount
- Provides fiber splicing, termination, management and storage in one unit
- Economical design
- High density - up to 48 fibers for a 1U unit and 96 fibers for a 2U unit when LC is used
- Replaceable front adapter panel
- Supports single and ribbon fiber splices
- Removable top cover
- Made from cold-rolled carbon steel sheets
- Guaranteed fiber bend radius >30mm



Fig. 1 Splice and termination box

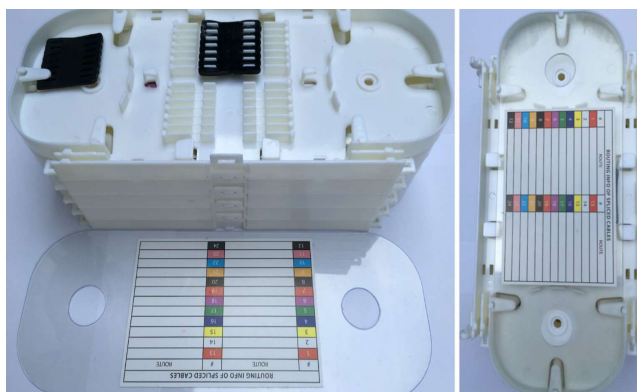


Fig. 2 Splice trays

Applications

- Interconnects
- Cross-connects
- Independent service providing
- CATV networks
- Main distributions
- Intermediate distributions
- Telephone closets

Specifications

Distribution Enclosures				
Type			ODF-R1U	ODF-R2U
No. of Rack Units			1	2
Max Capacity	Connectors with 2.5mm ferrules		24 fibers	48 fibers
	Connectors with 1.25mm ferrules		48 fibers	96 fibers
Max. No. of Splice Trays			2	4
Weight			2kg	2.8kg
Dimension with brackets*1			45x430x220 mm ³	90x430x250 mm ³
Splice Trays				
Splice Protection Sleeve Type		Single Fiber, 3mm dia.	Single Fiber, 2.3mm dia.	Ribbon Fiber
Max. No. Protection Sleeves		12	24	6

*1 Dimensions are HxWxD. The bracket width is for 19" rack. See drawing below for bracket widths for ETSI and 23" rack.

Ordering Information

Part number	Description
ODF-R-4F	Optical Distribution Box 1U 4FO(full accessories)
ODF-R-8F	Optical Distribution Box 1U 8FO(full accessories)
ODF-R-12F	Optical Distribution Box 1U 12FO(full accessories)
ODF-R-16F	Optical Distribution Box 1U 16FO(full accessories)
ODF-R-24F	Optical Distribution Box 1U 24FO(full accessories)
ODF-R-36F	Optical Distribution Box 2U 36FO(full accessories)
ODF-R-48F	Optical Distribution Box 2U 48FO(full accessories)
ODF-R-72F	Optical Distribution Box 2U 72FO(full accessories)
ODF-R-96F	Optical Distribution Box 2U 96FO(full accessories)