

## High-Density Split Patch Panel

### FE-1U-HDSP-X



Integrated in the heart of the datacenter, the High-Density splitter panel allows the operator to distribute the optical signal from a central point maximizing space efficiency. By choosing the appropriate split ratio, we can equally divide the signal for distribution (50-50%) or we can drain a small amount of the signal (5%) for non-intrusive monitoring applications.

Up to 144 LCAPC in the front using quad adaptors, it can accommodate a variety of combinations of splitter ratios and adaptors

Built on a standard 1RU chassis, the ODF can be used both in 19" and 23" environments by simply reversing the mounting brackets.

#### Features

- 1RU Panel with front and rear access
- Up to 144 LCAPC in the front, using Quad adaptors. Other connectors available upon request.
- Panel body built with aluminum alloy that, in addition to providing a premium finish, saves in shipping cost
- High quality FTB or PLC fanout splitters used in the construction.
- Color RAL9004 black.

## General Specification

ITEM	CHARACTERISTICS
Operation Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Relative Humidity	≤85%(+30°C)
Air Pressure	70kPa~106kPa

## Adaptors Specification

ITEM	CHARACTERISTICS
Insertion Loss	< 0.2db
Durability	< 0.2db typical change, 1000 marrings
Operating Temperature	-40 to +85 degree
Compliance	Telcordia, ANSI, TIA/EIA

## Splitter specification

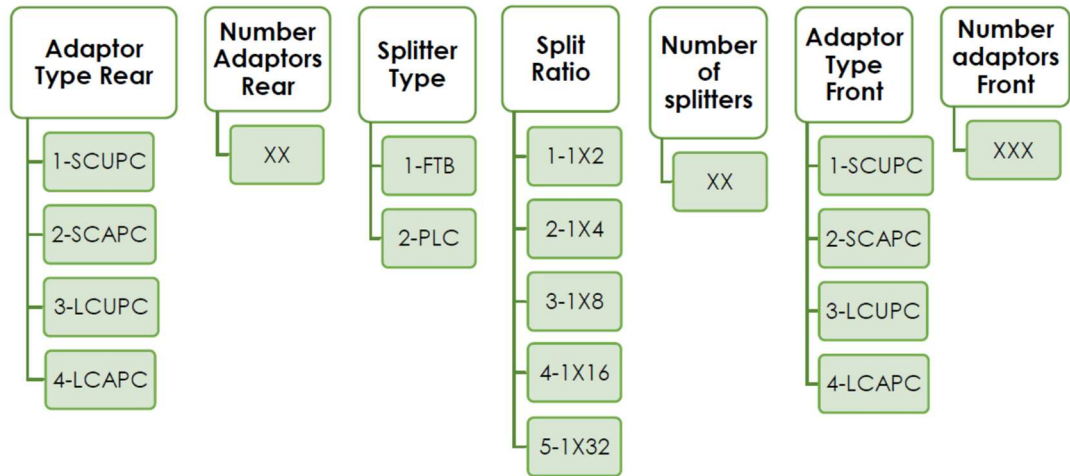
ITEM	CHARACTERISTICS
Operation Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Wavelength	1260-1650 nm
Fiber diameter	0.9 mm
Insertion Loss	< 13.7 dB
PDL	<=0.3 dB
Compliance	Telcordia GR-1221 and GR-1209

## Compliance

ANSI/TIA-568-C3	Fiber optic cabling components standard
ANSI/TIA-942-A	Telecommunications infrastructure standard for data centers
TIA-455	Standard test for optical components
TIA-604	Connector interoperability standard
IEC 60874-1	Optical connectors generic standard
GR-1209	Telcordia passive optical components
GR-1221	Telcordia reliability passive optical components standard
UL 94	Flammability of plastic materials
RoHS	Restriction on Hazardous Materials

## How to order

**FE-1U-HDSP- X- XX- X- X- XX- X- XXX**



## Dimensions

1.75" (1RU) height, 19" width and 7.87" depth

43.5 mm height, 440 mm width and 200 mm depth