



Description

DME PROLINK's Splitter panel is a vital component in any GPON/FTTx infrastructure. Designed in conjunction with leading Service Providers, this compact, integrated panel offers pre-connectorised presentation of the input and output ports on the front of the panel. Each port is clearly labeled.

The solution provides an optical channel that is guaranteed to be compliant with the ISO 11801 International Standard for Structured Cabling. DME PROLINK quality personals ensures product reliability through rigorous qualification testing to assure cable performance and durability in adverse field environments. Excellent quality control is achieved through intense in-house quality check and stringent audit acceptance by ISO 9001.

Features & Benefits

- 19" Rack-mountable; 1RU
- Easy to install.
- Comes with Pre-connectorised - LC/UPC
- With Plastic Sliding Rail- Sliding Out Design
- 1:8/2:8 Split Capacity
- The body made of cold-rolled steel. The steel plate thickness is 1.2mm, molded by numerical controlling. Surface treated with static plastic spray.
- Internal cable management
- Complies with IEC 60068
- Clear labeling for each port
- 25 Years System Warranty

Test Methods Used

- ❖ Telcordia GR-1209-Core (2001) ; IL(CR), RL(CR), Fiber and Cable Retention, Fiber Flex Test
- ❖ Telcordia GR-1221-Core (1999); Variable Frequency Vibration Test, Mechanical Shock
- ❖ Telcordia GR-1221-Core (2001); Temperature Cycling Test, Low Temperature Storage Test, Cyclic Moisture Resistance Test, High Temperature Storage Test, Thermal Shock Test

Testing Environment:

Temperature: (22.6 ± 1.5)°C

Relative Humidity: (50 ± 14)% R.H

Optical Characteristics of n:8 Splitter

| Parameters (2:8 Splitter) | Value |
|--|---------------|
| Operating Wavelength (nm) | 1260 – 1650 |
| Maximum Insertion Loss (dB) | ≤11.0 |
| Loss Uniformity (dB) | ≤1.2 |
| Polarization Dependent Loss - PDL (dB) | ≤0.3 dB |
| Return Loss (dB) | ≥ 50 |
| Directivity (dB) | ≥ 55 |
| Storage Temperature Range | - 40 to 85 °C |
| Operating Temperature Range | - 40 to 85 °C |
| Connector | LC/UPC |

Physical Configuration n:8 Splitter Panel

| Parameter | Value | |
|-------------|--------------------------|--|
| Description | 1:8 / 2:8 Splitter Panel | |
| Type | Rack Mount 19" 1RU Panel | |
| Dimensions | W x D (mm) | 481 x 200mm |
| | Height (RU) | 1RU (44mm) |
| Adapter | LC/UPC | 1 or 2 Inputs / 8 Outputs (5 LC/UPC Duplex Adapters) |

Technical Specification

- Voltage Resistance ≥ 3000VDC
- Insulating resistance between the metal parts of the body and grounding fitting: $\geq 2 \times 10^4 \text{ m}\Omega/500\text{V (DC)}$.

Part Number

D1249-LCU208X1

Fiber Optic Splitter Panel, 19" Rack-mount, LC/UPC, 2:8 Splitter, 1 Instance