

1600~1790nm 1x3 High Power Fused Fiber Splitter Module

FEATURES

- Low Excess Loss
- Variety Coupling Ratio
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- CATV
- Test Equipments



SPECIFICATIONS

| Parameter | Unit | 1X3 |
|----------------------------|------|---|
| Center Wavelength | nm | 1625, 1650, 1700, 1730, 1750, 1790 |
| Passband Width | nm | +/-20 |
| Insertion Loss | dB | ≤6.1 |
| PDL | dB | ≤0.2 |
| Uniformity | dB | ≤0.8 |
| Optical Return Loss | dB | ≥40 |
| Directivity | dB | ≥50 |
| Fiber Type | - | SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) |
| Fiber Tensile Load | N | 5 |
| Maximum Optical Power (CW) | W | 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 |
| Operating Temperature | °C | 0~50 |
| Storage Temperature | °C | -40~85 |
| Package Dimension | mm | (L)100x(W)80x(H)10 |

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
 5. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

| FCLT- NNNN | - NXXN | -HP NN | - (C) | C | NN | - CC/CCC |
|-------------------|---------------|---------------|------------------------|---------------|--------------|-------------------------|
| Center Wavelength | Configuration | Optical Power | Fiber Type | Fiber Sleeve | Fiber Length | Connector Type |
| 1625=1625nm | 1X3= 1x3 Type | 1= 1W | V=SM1950 Fiber | B= Bare Fiber | 05=0.5m | N=Without Connector |
| 1700=1700nm | | 2= 2W | O=10/130 DC Fiber | L= Loose Tube | 10=1.0m | FC/APC=FC/APC Connector |
| 1730=1730nm | | 5= 5W | Blank for SMF-28 Fiber | 2= 2mm Cable | 15=1.5m | LC/PC=LC/PC Connector |
| 1790=1790nm | | 10=10W | | 3= 3mm Cable | 20=2.0m | SC/UPC=SC/UPC Connector |