

915nm 1x5 Fused Fiber Splitter Module for Pulse Power

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 | 1X5 |
|---------------------------|------|---|
| Center Wavelength | nm | 915, 930, 940, 950 |
| Passband Width | nm | +/-10 |
| Insertion Loss | dB | ≤9.4 |
| PDL | dB | ≤0.3 |
| Uniformity | dB | ≤1.6 |
| Optical Return Loss | dB | ≥40 |
| Directivity | dB | ≥50 |
| Fiber Type | - | HI780C Fiber, HI1060 Fiber (H) or HI1060 Flex Fiber (F) 10/125um SC Fiber (E) or 10/125um DC Fiber (O) |
| Fiber Tensile Load | N | 5 |
| Maximum Average Power | W | 0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 |
| Max. Peak Power for Pulse | kW | 0.1, 1, 2, 3, 5, 10, 15, 20 |
| 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 0.7dB 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- NNN | - | NXN | -H NN | P NN | - (C) | C | NN | - CC/CCC |
|--------------------------|---|----------------------|----------------------|-------------------|------------------------|---------------------|---------------------|-------------------------|
| <i>Center Wavelength</i> | | <i>Configuration</i> | <i>Average Power</i> | <i>Peak Power</i> | <i>Fiber Type</i> | <i>Fiber Sleeve</i> | <i>Fiber Length</i> | <i>Connector Type</i> |
| 915-915nm | | 1X5- 1x5 Type | 03- 300mW | 01- 100W | H- HI1060 Fiber | B- Bare Fiber | 05-0.5m | N-Without Connector |
| 930-930nm | | | 2- 2W | 2- 2kW | E- 10/125SC Fiber | L- Loose Tube | 10-1.0m | FC/APC=FC/APC Connector |
| 940-940nm | | | 5- 5W | 5- 5kW | O- 10/125DC Fiber | 2- 2mm Cable | 15-1.5m | LC/PC=LC/PC Connector |
| 950-950nm | | | 10-10W | 10-10kW | Blank for HI780C Fiber | 3- 3mm Cable | 20-2.0m | SC/UPC=SC/UPC Connector |