

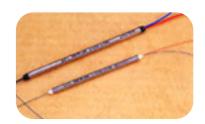
1x2/2x2 Fused PM Fiber Coupler/Splitter

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 Equipment



SPECIFICATIONS

| Parameter | Unit | Value | | |
|--------------------------------------|------|--|--|--|
| Center Wavelength | nm | 1310, 1480, 1550, 1570, 1590 | | |
| Bandwidth | nm | +/-15 | | |
| Excess Loss | dB | ≤0.60 | | |
| Tan Batio | dB | 0.01:99.99, 0.1:99.9, 1:99, 2:98, 5:95 | | |
| Tap Ratio | | 10:90, 20:80, 30:70, 40:60, 50:50 | | |
| Directivity | dB | ≥50 | | |
| Extinction Ratio | dB | ≥20 | | |
| Fiber Type | - | PM1310/1550 Fiber or 10/125um PMDC Fiber | | |
| Fiber Tensile Load | N | 5 | | |
| Maximum Optical Power (CW) | mW | 300 | | |
| Operating Temperature | °C | 0~70 | | |
| Storage Temperature | °C | -40~85 | | |
| Do alka do Stainleas Staal Tuba (SST | ·\ | (Φ)3.0x60 for Bare Fiber | | |
| Package Stainless Steel Tube (SST |) mm | (Φ)3.0x76 for 900um Loose Tube | | |
| Dimension — Metal Box | | (L)120x(W)12x(H)10 for 2mm/3mm Cable | | |

- 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, ER is 2dB Lower, Connector key is aligned to slow axis.
- 3. For 5%≤Tap Ratio≤10%, Tap Port ER is 2dB Lower, for 1%≤Tap Ratio<5%, Tap Port ER is 5dB Lower, for Tap Ratio<1%, Tap Port ER is out of concern.
- 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)

| FPCL- | NNNN | - NN | N | -(<mark>C</mark>) | (C) | C | NN | -CC/CCC |
|-------|-------------------|-----------------|--------------------|----------------------|------------------------------------|---------------|-----------------|-------------------------|
| | Center Wavelength | Coupling Ratio. | Configuration | Package | Fiber Type | Fiber Sleeve | Fiber Length | Connector Type |
| | 1310-1310nm | 001= 0.1% Ratio | 1= 1x2 Type | M=Metal Box | 0= 10/125PMDC Fiber | B= Bare Fiber | 05=0.5m | N =Without Connector |
| | 1480-1480nm | 05= 5% Ratio | 2= 2x2 Type | <i>Blank</i> for SST | <i>Blank</i> for PM1310/1550 Fiber | L= Loose Tube | 10=1.0m | FC/APC=FC/APC Connector |
| | 1550=1550nm | 10=10% Ratio | | | | 2= 2mm Cable | 15=1.5m | LC/PC =LC/PC Connector |
| | 1590=1590nm | 50= 50% Ratio | | | | 3= 3mm Cable | 20= 2.0m | SC/APC=SC/APC Connector |





