

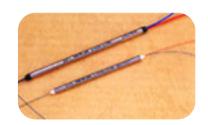
1200nm High Power Fused PM Fiber Coupler/Splitter

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 Equipments



SPECIFICATIONS

| Parameter | Unit | Value | | | |
|---|------|--|--|--|--|
| Center Wavelength | nm | 1150, 1180, 1200, 1230, 1250 | | | |
| Bandwidth | nm | +/-10 | | | |
| Excess Loss | dB | ≤1.0 | | | |
| Tap Ratio | % | 0.1:99.9, 1:99, 2:98, 5:95 | | | |
| Tap Natio | | 10:90, 20:80, 30:70, 40:60, 50:50 | | | |
| Directivity | dB | ≥45 | | | |
| Extinction Ratio | dB | ≥18 | | | |
| Fibor Typo | - | PM980 Panda Fiber or PM1060L Fiber (E) | | | |
| Fiber Type | | 10/125um PMDC Fiber (O) | | | |
| Fiber Tensile Load | N | 5 | | | |
| Maximum Optical Power (CW) | W | 1, 2, 3, 5, 10, 15, 20, 25, 30 | | | |
| Operating Temperature | °C | 0~50 | | | |
| Storage Temperature | °C | -40~85 | | | |
| Package Steinless Steel Tube (SST) | mm | (Φ)3.0x60 for Bare Fiber | | | |
| Package Stainless Steel Tube (SST) Dimension | | $(\Phi)3.0x76$ for 900um Loose Tube | | | |
| 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 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
- 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
- 4. 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.
- 5. 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.
 - 6. Package size may be different for different optical power and fiber type.

ODERING INFORMATION (PN)

| FPCL-NNNN | - NN | N -HP NN | | -(<mark>C</mark>) | (C) | C | NN -CC/CCC | |
|-------------------|-----------------|---------------|---------------|----------------------|------------------------------|---------------|-----------------------|-------------------------|
| Center Wavelength | Coupling Ratio. | Configuration | Optical Power | Package | Fiber Type | Fiber Sleeve | Fiber Length | Connector Type |
| 1200-1200nm | 001= 0.1% Ratio | 1= 1x2 Type | 1- 1W | M=Metal Box | E=PM1060L Fiber | B= Bare fiber | <mark>05=</mark> 0.5m | N=Without Connector |
| 1230=1230nm | 05= 5% Ratio | 2= 2x2 Type | 2= 2W | <i>Blank</i> for SST | 0= 10/125PMDC Fiber | L= Loose Tube | 10=1.0m | FC/APC=FC/APC Connector |
| 1150-1150nm | 10=10% Ratio | | 10- 10W | | <i>Blank</i> for PM980 Fiber | 2= 2mm Cable | 15=1.5m | LC/PC=LC/PC Connector |
| 1180=1180nm | 50= 50% Ratio | | 30=30W | | | 3= 3mm Cable | 20=2.0m | SC/UPC=SC/UPC Connector |





