

2000nm PM BP Filter/Tap Hybrid

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks



SPECIFICATIONS

| Parameters | Unit | Value |
|--|----------------------------|--|
| Center Wavelength | nm | 2000 |
| Min. Pass Band Width @ 0.5dB | nm | 6.0 |
| Excess Loss | dB | ≤1.8 |
| Stop Band @25dB | nm | 1900-1990 & 2010-2050 |
| Tap Ratio | % | 1+/-0.6%, 2+/-0.8%, 5+/-1.0%, 10%, 20%, 30%, 50% |
| Tap Position | F Type (Forward) | Tap is before Bandpass Filter, Y Type (3-port) |
| | B Type (Backward) | Tap is after Bandpass Filter, Y Type (3-port) |
| | X Type | Tap is after Bandpass Filter, 4-port, (Blocked Wavelength Guide Out) |
| Fiber Type at Tap Port or 4 th Port | - | Same Fiber, Corr. SM Fiber or 50/125um MM Fiber |
| Optical Return Loss | dB | ≥50 |
| Extinction Ratio | dB | ≥18 |
| Fiber Type | - | PM1550 Panda Fiber or PM1950 Fiber (V) |
| | - | 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R) |
| Fiber Tensile Load | N | 5 |
| Max. Optical Power (CW) | mW | 300 |
| Operating Temperature | °C | 0~50 |
| Storage Temperature | °C | -40~85 |
| Package | Stainless Steel Tube (SST) | mm (Ø)5.5x40 |
| Dimension | Metal Box | mm (L)120x(W)12x(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, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. 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.
 4. Backward type can only work in slow axis and fast axis is blocked. Suggest to use X type if blocked power is >1W.

ORDERING INFORMATION (PN)

| Bandwidth | Tap Ratio | Position | Tap Port Fiber | 4th Port Fiber | Package | Fiber Type | Fiber Sleeve | Fiber Length | Connector Type |
|-----------|-----------|------------------|------------------|--------------------|---------------|---------------------|---------------|--------------|-------------------------|
| 60=6nm | 01=1% | F=F Type | Y=Same Fiber | Y=Same Fiber | M=Metal Box | 2=PM1550Fiber | B= Bare fiber | 05=0.5m | N=Without Connector |
| | 05=5% | X=X Type | S=Corr. SM Fiber | S=Corr. SM Fiber | Blank for SST | V=PM1950 Fiber | L= Loose Tube | 10=1.0m | FC/APC=FC/APC Connector |
| | 10=10% | Blank for B Type | 5=50/125um Fiber | 5=50/125um Fiber | | O=10/130 PMDC Fiber | 2= 2mm Cable | 15=1.5m | LC/PC=LC/PC Connector |
| | 50=50% | | | Blank for F&B Type | | R=25/250 PMDC Fiber | 3= 3mm Cable | 20=2.0m | SC/UPC=SC/UPC Connector |