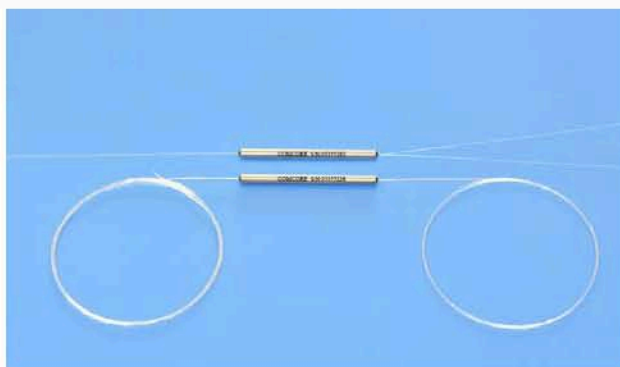


1x2 Polarization-Insensitive 980/1550nm Fused PM Fiber WDM



Product Features

- Operating on both Fast and Slow Axis
- Low Insertion Loss
- Polarization-Insensitive
- High Power Handling
- Telcordia GR-1221 Compliant Test

Product Applications

- PM Fiber EDFAs
- Monitoring in Coherent Systems
- Fiber Lasers

| Specifications | | | 980/1550nm | |
|-------------------------------|------|------|----------------------------------|---------|
| Parameter | | Unit | Premium | A grade |
| Pump Channel | | nm | 980±10 | |
| Insertion Loss | Max. | dB | 0.6 | 0.7 |
| Polarization Extinction ratio | Min. | dB | 20 | 17 |
| Isolation@ 1528 to 1565nm | Min. | dB | 18 | 17 |
| Polarization Dependent Loss | Max. | dB | 0.1 | 0.2 |
| Signal Channel | | nm | 1528 to 1565 | |
| Insertion Loss | Max. | dB | 0.8 | 1.0 |
| Polarization Extinction ratio | Min. | dB | 20 | 17 |
| Isolation@ 980±10nm | Min. | dB | 18 | 17 |
| Polarization Dependent Loss | Max. | dB | 0.1 | 0.2 |
| Operating power | Max. | W | 2 | |
| Operating Temperature | | °C | -40 to +85 | |
| Storage Temperature | | °C | -50 to +85 | |
| Package Type | | mm | S6=Ø3x54 / S8=Ø3x70 / M1=9x16x90 | |

All specifications are before connectors. PER is 2dB lower and IL is 0.2dB higher after connectors.

Ordering Information

| | | | | | | | | | | | | |
|---|---|---|---|---|--------------------|---------------------------------|---|---|-----------------------------|--|---|--|
| P | I | S | W | | | 0 | 0 | | | | | |
| | | | | Wavelength 1=980/1550nm S=Specify | Structure 1=1x2 | Grade P=Premium A=A grade | | Package 5=S6 with 250µm bare fiber pigtail 7=S8 with 0.9mm loose tube D=M1 with 3mm cable | Fiber Type E=Panda fiber | Fiber Length 0=0.5m 1=0.75m 2=1.0m S=Specify | Connector 0=None 1=F C/PC 2=F C/SPC 3=F C/APC 7=F C/U/PC | |

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.
3. All data are measured at central wavelength at room temperature.