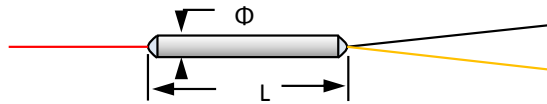


Fused WDM 980/1590nm

The 980/1590nm Fused Wavelength Division Multiplexer (WDM) is based on fused biconical taper (FBT) technology. It provides wavelength division multiplexing function.



Features

- Low Insertion Loss
- High Isolation
- Compact Size

Applications

- EDFA
- Fiber Amplifier
- Lab & Research

Performance Specification

| Parameter | Value | Unit |
|------------------------|--------------------------------------|------|
| Operating Wavelength | 980/1590 | nm |
| Bandwidth | ±15 | dB |
| Max. Insertion Loss | 0.15 | dB |
| Min. Isolation | 20 | dB |
| Max. PDL | 0.1 | dB |
| Min. Return Loss | 60 | dB |
| Max. Thermal Stability | 0.002 | dB |
| Min. Directivity | 60 | dB |
| Fiber Type | HI 1060 flex fiber, or OFS 980 fiber | |
| Operating Temperature | -20 to +70 | °C |
| Storage Temperature | -40 to +85 | °C |
| Package Dimension | Φ3.0×L40 for 250um bare fiber | mm |
| | Φ3.0×L56 for 900um loose tube | mm |

Note

* Above specifications are for device without connector. For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Ordering Information

WDM-AAA/AAAA-BB-C-DD-EE

| AAA/AAAA | BB | C | DD | EE |
|-----------------------|-------------------------|-----------------|--------------|--------------|
| Wavelength | Fiber Type | Fiber Jacket | Fiber Length | Connector |
| 980/1590 - 980/1590nm | H6 - HI 1060 flex Fiber | B - 250um Bare | 05 - 0.5m | NE - None |
| SSS/SSSS - Specify | O9 - OFS 980 Fiber | Tube | 08 - 0.8m | FA - FC/APC |
| | SS - Specify | L - 900um Loose | 10 - 1.0m | FP - FC/PC |
| | | Tube | 15 - 1.5m | SA - SC/APC |
| | | | SS - Specify | SP - SC/PC |
| | | | | LA- LC/APC |
| | | | | LP - LC/PC |
| | | | | SS - Specify |