

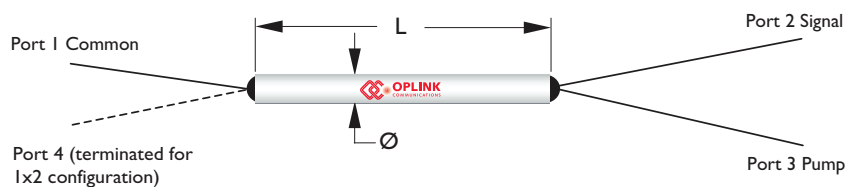
MINI FUSED SINGLE-MODE WDM (980/1550NM)

Mini SWDM Series

Product Description

Oplink's mini 980/1550nm fused single-mode wavelength division multiplexers provide high performance and high reliability with extremely compact package size. The short length of the package provides real estate flexibility to EDFA design.

Oplink can provide customized designs to meet specialized feature applications. Also, Oplink offers modular assemblies that integrate other components to form a full function module or subsystem.



Performance Specification

| Mini SWDM Series | Premium | A Grade | B Grade | Unit |
|--|-------------------------------------|------------------------------|---------|------|
| Operating Wavelength | 970 - 990 / 1535 - 1565 | | | nm |
| Insertion Loss ^[1] (970 - 990nm / 1535 - 1565nm) | < 0.15 | < 0.2 | < 0.3 | dB |
| Isolation | > 20 | | | dB |
| Polarization Dependent Loss | < 0.1 | | | dB |
| Directivity | > 55 | | | dB |
| Maximum Power Handling | 500 | | | mW |
| Operating Temperature | 0 to + 70 | | | °C |
| Storage Temperature | - 40 to + 85 | | | °C |
| Fiber Type | Corning HI980 Corning HI1060FLEX | | | |
| Package Dimensions | P4: 250µm bare fiber | (Ø)3.0 (±0.1) x (L)40.0 (±1) | | mm |

Note:
[1] Values are referenced without connector loss.

Features

- ◆ Compact Package Size
- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Highly Stable & Reliable

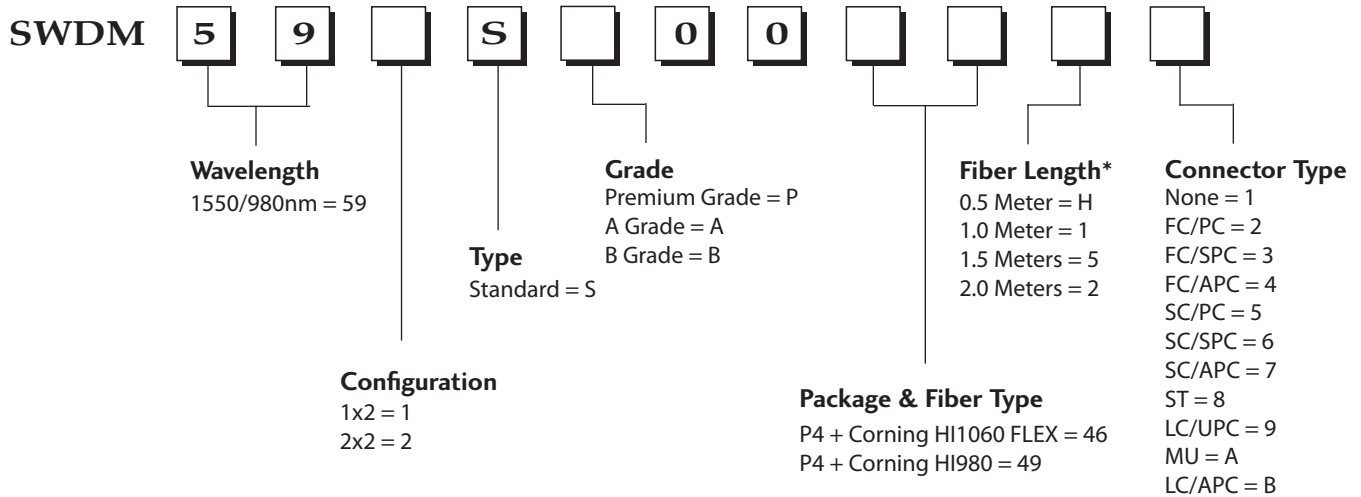
Applications

- ◆ EDFA & Raman Amplifiers
- ◆ Laboratory R&D

MINI SWDM SERIES

Ordering Information

Oplink can provide a remarkable range of customized optical solutions. For detail, please contact Oplink's OEM design team or account manager for your requirements and ordering information (510) 933-7200.



Notes :

* The tolerance of fiber length is +/-0.1m. 1 meter is standard. The lead time for special fiber length will be longer.

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