

WDM

C Band and L Band

Specifications

| Parameter | Specification | |
|---|------------------------------|------------------------|
| Operating Wavelength Range (Pass Band) | 1500-1563 nm or 1570-1610 nm | |
| Operating Wavelength Range (Reflect Band) | 1570-1610 nm or 1500-1563 nm | |
| Insertion Loss (Pass Band) | ≤ 0.8 dB | |
| Insertion Loss (Reflect Band) | ≤ 0.5 dB | |
| Isolation (Pass Band) | ≥ 25 dB | |
| Isolation (Reflect Band) | ≥ 12 dB | |
| Pass Band Ripple | ≤ 0.3 dB | |
| Return Loss | ≥ 50 dB | |
| Directivity | ≥ 55 dB | |
| PDL | ≤ 0.1 dB | |
| PMD | ≤ 0.1 ps | |
| Maximum Power Handling | 300 mW | |
| Operating Temperature | 0° C ~ + 65° C | |
| Storage Temperature | - 40° C ~ + 85° C | |
| Package Dimensions | Bare Fiber (B) | 5.5 mm (Φ) x 35 mm (L) |
| | 900 μm Loose Tube (L) | 5.5 mm (Φ) x 39 mm (L) |

Note1: All values specified are without connectors.

Note2: Higher performance specifications available upon request.

Note3: Fiber Type – Corning SMF-28e.

Note4: Over operating temperature, all SOP.

Ordering Information

| | | | | | | | | | | | |
|----------|----------|----------|----------|---|--|---|--|---|---|---|---|
| <u>W</u> | <u>D</u> | <u>C</u> | <u>L</u> | - | <u>T</u> | - | <u>T</u> | - | <u>T</u> | - | <u>T</u> |
| | | | | | Reflect Band | | Fiber Length | | Pigtail Style | | Connector |
| | | | | | C: C Band Reflection L: L Band Reflection | | A: 1 meter B: 1.5 meter S: Special | | (=Package style) B: bare fiber L: 900 μm loose tube | | 0: None 1: FC/PC 2: FC/APC 3: SC/PC 4: SC/APC 5: FC/SPC 6: SC/SPC |
| | | | | | | | | | | | 7: LC/UPLC 8: LC/SPC 9: Special A: FC/UPLC B: SC/UPLC C: ST |