

# WDM

## C Band Red/Blue Pass FWDM

### Specifications

| Parameter                                 | Specification                     |                        |
|---|-----------------------------------|------------------------|
| Operating Wavelength Range (Pass Band)    | 1525-1542.54 nm or 1547.3-1565 nm |                        |
| Operating Wavelength Range (Reflect Band) | 1547.3-1565 nm or 1525-1542.54 nm |                        |
| Insertion Loss (Pass Band)                | ≤ 1.0 dB                          |                        |
| Insertion Loss (Reflect Band)             | ≤ 0.5 dB                          |                        |
| Isolation (Pass Band)                     | ≥ 25 dB                           |                        |
| Isolation (Reflect Band)                  | ≥ 12 dB                           |                        |
| Ripple (Pass Band)                        | ≤ 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 Dimension                         | Bare Fiber (B)                    | 5.5 mm (Φ) x 35 mm (L) |
|   | 900 μm loose tube (L)             | 5.5 mm (Φ) x 39 mm (L) |

Note 1: All values specified are without connectors.

Note 2: Higher performance specifications are available upon request.

Note 3: Fiber Type – Corning SMF-28e.

Note 4: Over operating temperature, all SOP.

### Order Information

**W D C**

- T  
R: red band reflect  
B: blue band reflect

- T  
Fiber Length  
A: 1 meter  
B: 1.5 meter  
S: Special

- T  
Pigtail Style  
(=Package style)  
B: bare fiber  
L: 900 μm loose tube

- T  
Connector  
0: None 7: LC/UPC  
1: FC/PC 8: LC/SPC  
2: FC/APC 9: Special  
3: SC/PC A: FC/UPC  
4: SC/APC B: SC/UPC  
5: FC/SPC C: ST  
6: SC/SPC