

# WDM

## High Isolation 1310/1550 nm FWDM

### ➔ Specifications

| Parameter                                 | Specification           |                             |
|---|-------------------------|-----------------------------|
| Operating Wavelength Range (Pass Band)    | 1460-1620 nm            |                             |
| Operating Wavelength Range (Reflect Band) | 1260-1360 nm            |                             |
| Insertion Loss (Pass Band)                | ≤ 1.0 dB                |                             |
| Insertion Loss (Reflect Band)             | ≤ 1.0 dB                |                             |
| Isolation (Pass Band)                     | ≥ 45 dB                 |                             |
| Isolation (Reflect Band)                  | ≥ 45 dB                 |                             |
| Return Loss                               | ≥ 50 dB                 |                             |
| Directivity                               | ≥ 55 dB                 |                             |
| PDL                                       | ≤ 0.15 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 40 mm (L)      |
|   | Heavy Duty (K, R)       | 100.0 mm x 12.0 mm x 8.0 mm |

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

|              |   |                        |   |                     |   |   |   |  |
|--------------|---|------------------------|---|---------------------|---|---|---|--|
| <b>W D H</b> | - | <b>1 3</b>             | - | <b>T</b>            | - | <b>T</b>  | - | <b>T</b>   |
|              |   | <b>Wavelength</b>      |   | <b>Fiber Length</b> |   | <b>Pigtail Style</b>  |   | <b>Connector</b>   |
|              |   | 13: 1310 nm reflection |   | A: 1 meter          |   | (=Package style)<br>B: bare fiber<br>L: 900 μm loose tube<br>K: 2 mm cable<br>R: 3 mm cable |   | 0: None    5: FC/SPC<br>1: FC/PC    6: SC/SPC<br>2: FC/APC    7: LC/U/PC<br>3: SC/PC    8: LC/SPC<br>4: SC/APC    9: Special |