

0701 Bare FBG

W8103-S



1552.52 nm FBG, Acrylate Coating, FCA-FCA

FBG(Fiber Bragg Grating) is the key component that acts as a rejection filter in telecommunications. The FBG is very sensitive to changes of temperature or strain. The package is used by the technology of temperature compensation to make the wavelength very stable.

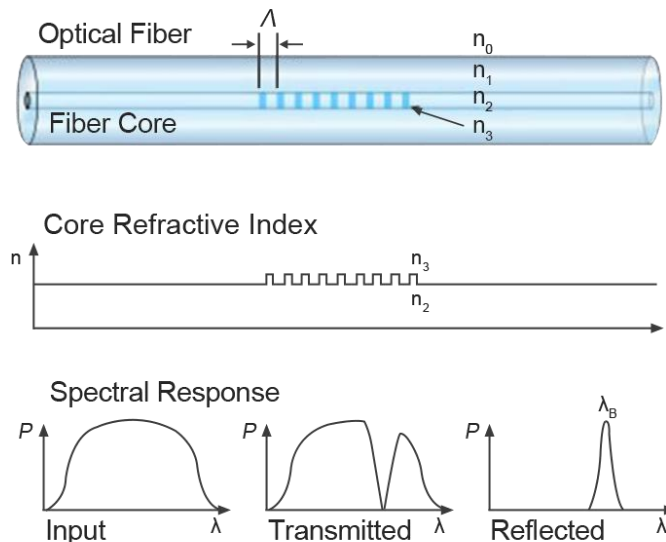
FEATURES

- 100 G/50 G Channel Spacing
- Low Insertion Loss
- Excellent Channel Isolation

USE IN

- Regional and Long Haul
- DWDM Networks
- Wavelength Reference

FUNCTIONAL DIAGRAM



| | |
|---------------------|----------------|
| Wavelength | 1552.52 nm |
| Bandwidth @ 3 dB | 0.2 nm min. |
| Insertion | 0.2 dB max. |
| SLSR | 15 dB min. |
| PDL | 0.1 dB max. |
| Fiber Type | SMF-28 |
| Fiber Termination | FCA-FCA |
| Dimension | 12x12x87 mm |
| Storage Temperature | -40°C to +85°C |

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.