

## 0701 Bare FBG

W8002-S



### Fiber Bragg Grating, Acrylate Coating

FBG is the key component that acts as a rejection filter in telecommunications. The center wavelength of 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

- No Splicing Point
- Customer Defined Grating Characteristics and Spacing
- High Stability and Reliability
- Long Fiber Distance

#### USE IN

- Distributed Sensing Measurement
- Wavelength Reference
- Aerospace Engineering
- Load Monitoring for Power Transmission

Center Wavelength	1547.65 nm
Bandwidth	0.3 nm max.
Side Mode Suppression Rate	20 dB min.
Reflectivity	90% min.
Fiber Length	10 mm
Fiber Type	Acrylate SMF-28e

**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.**