

0501 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	0.193 nm
Side Mode Suppression Rate	23.38 dB
Reflectivity	92.05%
Fiber Length	10 mm
Fiber Type	Acrylate SMF-28e
Pigtail Length	0.5 m

