Proprietary data

PRODUCT SPECIFICATION

Product code: Athermal Fiber Bragg Grating

Standard Specifications

Fiber type: single mode, coating diameter 250 µm (PM available)
Thermal sensitivity: < 2 pm/°C (high grade: < 1 pm/°C)
Wavelength tunability: +/-100pm (with optional screw)
Operating temperature: -5 to 70 °C
Storage temperature: -40 to 80 °C
Fiber length: 1m each side of package
Fiber protection: buffer 900 µm (boots 20 mm)
Option: optical connectors
Central wavelength accuracy: +/- 0.01 nm (C-band)
Complies with Telcordia GR-1209

![Graph showing the relationship between wavelength and temperature for an Athermal Fiber Bragg Grating. The graph indicates a thermal shift range of [-5, 70] °C with less than 1 pm/°C.](image-url)
Mechanical Specifications

Package dimensions: 55 x 5 x 5 mm  
Option: fine tuning screw to adjust the central wavelength within 10 pm  
Aspect: blue anodized aluminum surface

Specifications are subject to change without notice

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