

0503 FBG Sensor

W9002-S



Ceramic Temperature Sensor

The temperature sensor is housed in ceramic material, and uses the temperature sensitive of fiber bragg grating (FBG) to monitor the temperature. It can be used in long-term inspections in power plants, railways, petroleum and other fields. It can be packaged into a temperature sensor string without any welding points, which is very convenient to the application.

FEATURES

- Mini Size
- Insulation
- High Responsivity
- High Stability and Reliability

USE IN

- Power Plants
- Railways
- Petroleum and Other Long-term Inspection Fields

Center Wavelength	1510 nm to 1590 nm
Temperature Resolution	0.1°C
Temperature Accuracy	1°C
Temperature Range	-10°C to 80°C
Cable Type	φ3 mm Indoor Cable or Armored Cable
Connector	Customized
Dimensions	4x4x40 mm