

0503 FBG Sensor



FBG Temperature Sensor

The fiber bragg grating (FBG) temperature sensor is designed to accurately monitor temperature based on the high sensitivity of the fiber grating to the temperature. Fiber bragg grating temperature sensors can be used for along time to detect bridges, dams, tunnels, oil tanks, power plants and so on.

FEATURES

- Rapid Response
- Free from Lightning and Magnetic-field Interference
- High Sensitivity
- High Stability and Reliability

USE IN

- Detection of Tank Temperature
- Temperature Monitoring in Hazardous Areas
- Fire Alarm
- Temperature Measurement for High Voltage Power

Center Wavelength	1510 nm to 1590 nm
Temperature Resolution	0.1°C or 0.04°C
Temperature Accuracy	1°C or 0.4°C
Temperature Range	-20°C to 120°C
Cable Type	3 mm or Other Armored Cable
Connector	FC/UPC, FC/APC or Other
Package Type	Metal Package
Dimensions	8x8x95 mm

