

## 0503 FBG Sensor



### FBG Standard Mountable Strain Sensor

FBG standard mountable strain sensor uses a unique elastomer designed to measure the strain of an object repeatedly and stably. Mainly used in civil engineering construction monitoring and long-term health monitoring such as: bridge, interchange, high-rise building support beam monitoring.

#### FEATURES

- High Sensitivity
- Excellent Water Resistance
- Try the Tarsh Environment
- Excellent Repeatability and Reliability

#### USE IN

- Structural Health Monitoring (SHM)
- Condition Monitoring System (CMS)
- Production Equipment Diagnostics
- Hazardous Environments

Center Wavelength	1510 nm to 1590 nm
Strain Measurement Range	±1500 $\mu\epsilon$
Accuracy	1‰
Temperature Range	-10°C to 80°C
Cable Type	Armored Cable
Connector	FC/APC
Mountable	Welding
Dimensions	12x12x102 mm