



# Fiber Bragg Grating Temperature Sensor

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A new, low cost fiber grating temperature sensor is now available at **O/E LAND INC.** Based on our new design, this new fiber grating temperature sensor can be widely used in construction, aerospace, electrical, petrochemical, biomedical, nuclear power station and other industry applications.

The fiber cable can be packaged with armored cable( or other type of cables) to protect from broken in a harsh environment like rust, shock, corrosion, vibration, sharp mechanical object.

Model number: **OETMS-100**

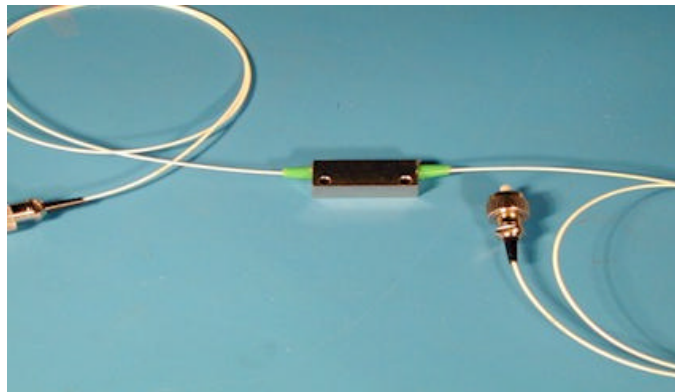


Figure 1. Fiber Bragg Grating Temperature Sensor

### SPECIFICATIONS:

Range	-50 ~ +250°C
Resolution	0.1°C
Precision	+/- 0.5°C
Size(mm)	10 x 25 x 6 (or customer size)

### APPLICATIONS:

- Bridges and High Way, Dams
- Big Buildings
- Petroleum Plant and Pipelines, Oil Fields
- Electrical Transformer
- Aerospace, Biomedical, Environment

## O/E LAND INC.

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