

# Weldable Strain Sensor



## Weldable Strain Sensor (Weldable Strain Fiber Bragg Grating Sensor)

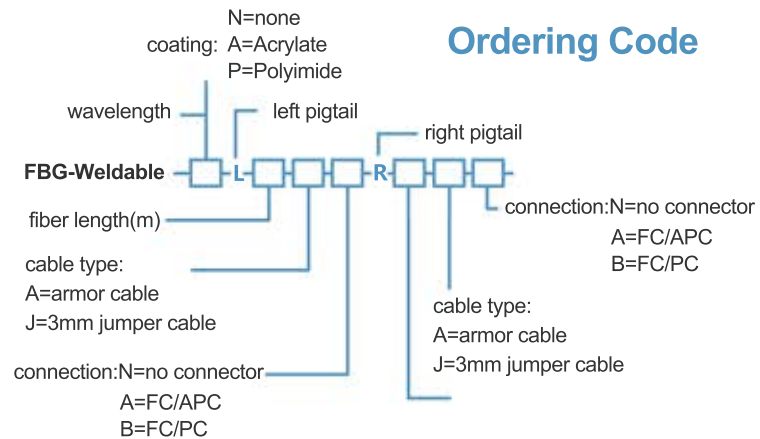
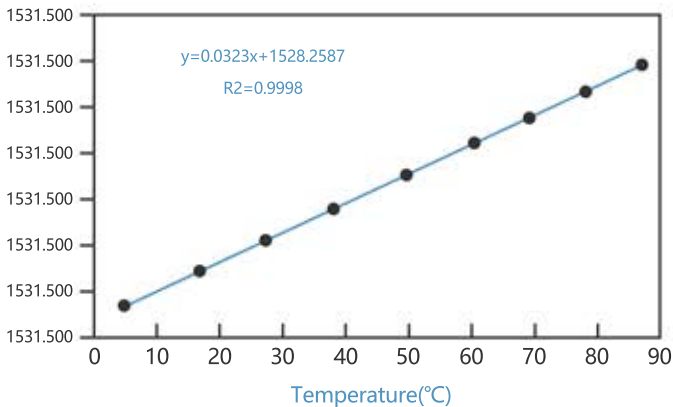
**Application:** Structural Health Monitoring, Strain Monitoring, Composite Strain Monitoring

The weldable strain sensor is specially designed for outdoor applications for strain monitoring, particularly on structure with weldable surface. The obvious feature of this product make it can be either fixed with the bolt for temporarily monitoring or fixed by welding for longterm monitoring. It has advantages of easy implementation, rugged and high reliability.



### Weldable Strain Sensor

- Center Wavelength: any wavelength between 1510 to 1590nm
- Weldable FBG Strain Sensor
- Range: +/-3000ue; +/-5000ue, +/-1mm, +/-3mm etc
- Resolution: 1 ue;
- Installation: Arc Weldable
- Dimension: 12x58mm (or custom)
- Pigtail: one end or both end
- Cable: Armor cable or 3mm jumper cable or other
- Connector: FC/APC, FC/PC or other
- Operating Temperature Range: -20 to 80 degC



### Example

**Model:** FBG-Weldable-1540.5-L4AA-R10AA

Weldable FBG with wavelength 1540.5nm Weldable FBG Strain Sensor

**Left pigtail:** Armor cable with FC/APC connector, 4m long

**Right pigtail:** Armor cable with FC/APC connector, 10m long

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