

# Embedded Strain Sensor



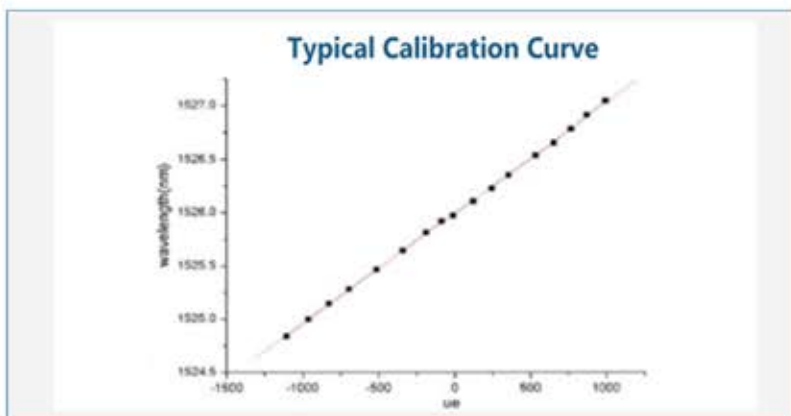
## Embedded Strain Sensor (Embedded Strain Fiber Bragg Grating Sensor)

The embedded Strain Sensor is designed for embedded into the interior of the concrete, reinforced concrete or composite materials. Its rugged design ensure long term monitoring. Custom design on dimension and measuring strain is available on request.



## Embedded FBG Strain Sensor

- Center Wavelength: any wavelength between 1510 to 1590nm
- Standard strain range: +/-1500ue;
- Optional range: +/-3000ue, +/-1 mm, +/-3mm, +/-5mm etc
- Resolution: 1ue;
- Installation: Embedded
- Dimension: 27x70mm (or custom)
- Operating Temperature Range: -30 to 80 degC
- Pigtail: one end or both end
- Cable: armor cable (or 3mm jumper cable)
- Connector FC/APC or FC/PC or other



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