



FOCT Sensing Coil

FOCT sensing coil is composed of quarter wave plate, spun Hi-Bi fibre and fibre mirror, Excellent environmental immunity are obtained by temperature error compensation and encapsulation process to meet the requirement of applications, such as fibre optic current transformer (FOCT) .

Characteristics

- Customizable size
- Reduced sensitivity to vibration
- Low temperature sensitivity
- High stability

Applications

- All fibre optic current transformer
- High precision current sensor
- Faraday effect sensor



Specifications

| Product Type | FSH-01 |
|--|--------------------|
| Installation | Fixed Installation |
| Operating Wavelength (nm) | 1310 ± 20 |
| Additional Loss (dB) | ≤ 3.8 |
| Ratio Error at Full Temperature (%) | < 0.8 |
| Pigtail Mode Field Diameter @1310nm (μm) | 6.0 ± 1.0 |
| Operating Temperature (°C) | -40 to +70 |