Raman electro-optical (EO) fiber optic cables

Innovative Raman fiber optics designed for maximum laser safety and easy installation

Benefits:
- Simple plug and lock design
- Integrated safety interlock to prevent laser exposure
- Certified for hazardous area environments
- Indoor/outdoor rated cable - flame retardant, fungus resistant, internal strength member
- Available in different fiber lengths to meet your installation requirements

Specs at a glance
- **Temperature** Range: -40 to 70 °C / -40 to 158 °F

Field of application: Our Raman embedded analyzers and probes are connected by electro-optical (EO) fiber optic cables with integrated low-voltage electrical interlock and optical fiber cable components bundled into one CSA-rated assembly. Rated for indoor/outdoor use, the EO connector is designed to protect the connection from external influences, avoid breakage, and ensure a secure connection. EO fiber cables are available in several size lengths with extension cables to simplify installation and remote analysis.

Features and specifications

**Measuring principle**
Raman spectroscopy
Temperature
Range:
-40 to 70 °C / -40 to 158 °F

Fiber optic cable
Length: 5000 mm / 196.86 inch (custom lengths available)
Bend radius: 152.4 mm / 6 inch

More information [www.endress.com/KFOC1](http://www.endress.com/KFOC1)