

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

More information and current pricing:

www.casc.endress.com/KFOC1

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

Fiber optic cable

Length: 5m (custom lengths available)

Bend radius: 152.4 mm

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