



FIBERTECH OPTICA manufactures fiber optic cables and assemblies for industrial applications. Our designs feature rugged construction and excellent transmission, enabling longer fiber runs in harsher environments. Either single or multiple fibers can be cabled. We also offer industrial versions of our fiber optic bundles and probes.

CONSTRUCTION

- Rugged, with multiple levels of protection:
 - > secondary buffer (Tefzel or nylon)
 - > inner tube (furcation tube, Teflon, polyurethane)
 - > outer tube (PVC or silicone covered monocoil, stainless steel interlock or PVC covered interlock)
- Reinforced connectors/ferrules
- Lengths up to 350 meters (1150 ft)

OPERATING ENVIRONMENT

- High temperature (up to 250°C, 480°F)
- High pressure
- Liquid-tight
- Outdoors/indoors
- Vibration resistant

OEM PRODUCTION

- Conformance certification
- Labelling
- Packaging
- Shipping containers

CUSTOMER BENEFITS

- Greater instrument flexibility
- Improved fiber reliability
- Measurements over longer distances



ARMORED PATCHCORDS



FEATURES

- multiple levels of fiber protection:
secondary jacket, inner tubing, outer metal hose
- reinforced connectors or ferrules
- cut and crush resistant
- designed for outdoor/cable tray use
- lengths up to 350 meters (1150 ft)





FEATURES

- rugged, with multiple levels of protection
- reinforced connectors/ferrules
- high temperature/pressure
- optical elements



High pressure (20 bar) and temperature (150°C) reflectance probe with a sapphire window; built for operation in corrosive environments

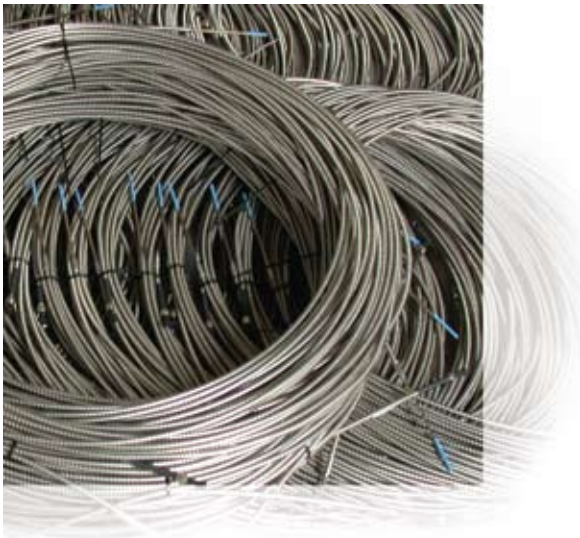


In-process reflectance probe; built to withstand high temperature environment (250°C) and abrasive substances



Ruggedized glass bundle for food processing application





PRODUCTION

- quality control reports
- custom packaging
- OEM labels
- serial numbers

