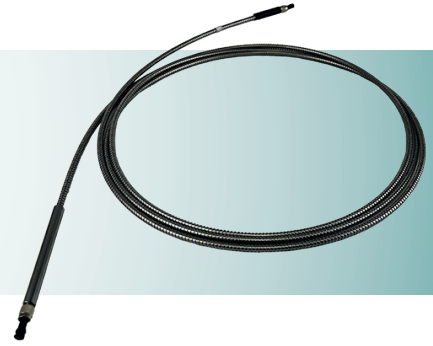


Fiber optic cable



Example applications

- Inline/online process monitoring using spectroscopic methods
- Inline/online photometric absorption and turbidity measurement
- Particle measurement



Benefits

- Excellent optical properties
- Available for UV/VIS/NIR
- High energy throughput
- Also suitable for use in extreme environmental conditions
- Suitable for all common fibre optic coupled spectrometers and photometers
- Wavelength ranges: UV/VIS/NIR



Technical Specifications Standard Fiber

Wavelength Range	UV/VIS 190 nm-750 nm Resistant to solarization NIR 450 nm-2,5 µm
Fiber	600/660 µm Quarz/Quarz
Material Protective hose	Stainless Steel
Diameter Protective hose	4,7 mm / 0.18 Zoll
Diameter Sleeve	7,9 mm / 0,31 Zoll (Mounting in measuring cell)
Length Sleeve	80 mm / 130 mm (Mounting in measuring cell) 3,14 Zoll / 5,12 Zoll
Length Fiber	0,5 m to 100 m
Temperature Range	-5 °C to 150 °C for Silikon Coating (glued) -5 °C to 250 °C for Polyimid Coating (glued) -5 °C to 350 °C for Kupfer Coating (pinched)
Fiber Connection	SMA 905

Other materials, such as Hastelloy or Tantalum, can be manufactured upon customer request. Furthermore, the aperture and the housing can be customized.