

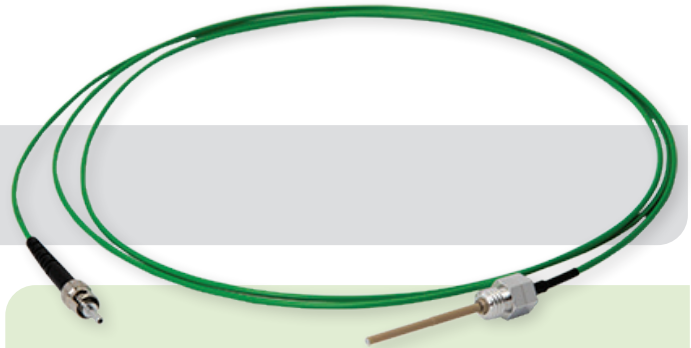
Fiber Optic Probe



MKS' fiber optic temperature sensor probes are designed to offer industry leading accuracy, repeatability, and reliability for a wide range of applications. The probe is immune to RF and enables customers to monitor temperature in extreme environments. They are easy to install, robust and can be customized for OEM applications. Customized design available upon request.

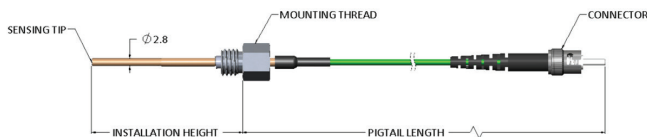
Product Features

- Immune to RF
- Highly accurate across full temperature range
- Excellent sensor-to-sensor precision
- Outstanding long-term repeatability
- Sensors do not require recalibration
- Probes and converters are fully interchangeable



Key Benefits

- Obtain accurate and reliable temperature measurement in plasma-assisted semiconductor processes
- Achieve greater process uniformity and repeatability
- Enable advanced process performance
- Easily customize design to reduce time to market and development cost



Technical Specifications

Measurement Range ¹	-40 to 150°C
Standard Accuracy	±0.5°C
Tip Material	Aluminum
Shaft Material	PEEK
Standard Mounting Hardware ²	Spring Loaded Thread M10x1.5
Standard Installation Height	50 mm
Pigtail Bend Radius	25 mm
Standard Pigtail Length ³	2 m
Connector	ST

¹ Custom designs for wider temperature range (-100°C to 450°C) available upon request.

² Additional mounting options available upon request

³ 1 m and 3 m lengths available upon request



www.MKS.com

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