PRB-G20
Fiber Optic Temperature Probe

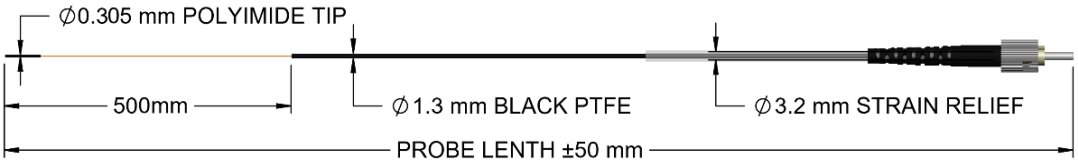
MRI & Catheter Temperature Sensing

Non-magnetic, Non-Conducting, Optical Fiber Probes with Exceptional Precision

OSENSA's fast response PRB-G20 catheter temperature probes provide accurate and reliable temperature sensing for a variety of life sciences, microwave and laboratory research applications requiring immunity to high intensity electro-magnetic fields and RF energy. These probes are constructed with high quality glass optical fiber, can handle various chemical sterilization techniques as well as temperatures exceeding 100°C while providing extremely fast response times.

Product Specifications

PRB-G20-02M-STM-500-MRI



System Specifications	PRB-G20-02M-STM-500-MRI
Calibrated Accuracy (10°C to 60°C)	± 0.10°C
Stability (15min)	± 0.02°C
Noise (1 second averaging)	± 0.02°C
Measurement Range	-40°C to 100°C
Short duration withstand temperature	200°C
Immersion Response Time Constant	0.25s
Tip Diameter	305µm
Minimum Bend Radius	30mm
Probe Materials	Polyimide & PTFE

Notes:

1. Compatible with OSENSA's FTX-300-LUX+ series and FTX-020-OEM fiber optic signal conditioners.
2. Probe lengths can be specified from 0.5m to 10m.
3. For longer distances add extension cable EXT-200-10M-STM-STM, in lengths from 2m to 50m.

TECHNICAL SUPPORT

OSENSA Innovations offers on-site support, commissioning, and training for all of its products. For immediate assistance with any technical issue, please contact support@osensa.com or call 1-888-732-0016.

WARRANTY INFORMATION

OSENSA Innovations stands behind its products and services. All fiber optic temperature probes and signal conditioners ship with a full one year repair or replacement warranty. You may also purchase an extended five year warranty. Some conditions apply.

CUSTOM OEM SOLUTIONS

OSENSA offers cost-effective design and consulting services at discounted rates for high-volume OEM customers. Let the engineering team at OSENSA Innovations help you rapidly develop custom probes for your research application. OSENSA's team has many years of experience designing fiber optic temperature probes for various laboratory environments.

FURTHER INFORMATION

For more information on any of our products or services please visit our website: www.osensa.com or email: info@osensa.com.

Certified System
SAI GLOBAL
ISO 9001
Quality

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OSENSA Innovations Corp.
8672 Commerce Court
Burnaby, BC, Canada, V3J 0A3

Toll Free: 1-888-732-0016
International: 1-604-259-7177
Email: info@osensa.com

Specifications subject to change without notice.