

FOCIS™ Right Angle and Periscope BTT Probes

Optical Time of Arrival Sensor

FOCIS™ Right Angle and Periscope probes are for applications that prevent the use of standard axially configured probes. Right Angle probe bodies typically lay against the engine casing and have a low-profile right angle turn into the casing penetration allowing access to the rotor blade tip. Periscope probes are of similar design but the right angle occurs in the engine gas path.

Environmental

- Maximum uncooled continuous operational temperature : 1000 °F (538 °C)
- Maximum cooled continuous operational temperature: 1400 °F (760 °C)
- 500 °F (260 °C) maximum cable temperature
- 175 °F (80 °C) maximum connector temperature

Working Range

- 0.75" - 3" (19 - 76 mm)
- Other working ranges available upon request

Probe Dimensions

- Standard Diameter: 0.375" (9.52 mm)
- Standard Length: 1.25" (31.75 mm)

Connector Options

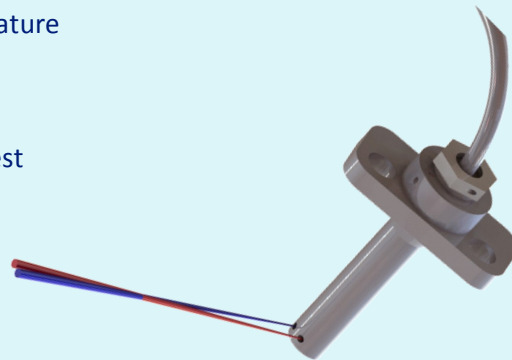
- FC, ST, MT, SMA

Cable Options

- Rigid capillary tube of a custom length exiting probe head
- Flexible strip wound cable of a custom length leaving cable head
- Custom fiber lengths exiting cable breakout

Other Options

- Probe tip cooling/cleaning provisions
- Custom mounting flanges



CUSTOM DESIGN REQUESTS WELCOME

CONTACT: PRIME PHOTONICS
1116 SOUTH MAIN ST
BLACKSBURG, VA 24060
+1 (540) 961.2200

WWW.PRIMEPHOTONICS.COM
INFO@PRIMEPHOTONICS.COM