

FOCIS™ Line Probe

Multi-Point Unlensed Optical Blade Tip Timing / Time of Arrival Sensor



FOCIS™ Line Probes provide multiple blade tip time of arrival measurements from a single probe. High spatial resolution BTT measurements from the Line Probe can be used for the evaluation of high frequency blade vibrations and other applications that involve the detection of timing changes over very small distances.

Environmental

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

Working Range

- 0.008" - 0.08" (0.2 - 2.0 mm)
- Other working ranges available upon request

Probe Dimensions

- Standard Diameter: 0.25" (6.35 mm)
- Standard Length: 1.25" (31.75 mm)

of Channels

- Up to 5 BTT measurements per probe (standard)
- High channel counts available

Connector Options

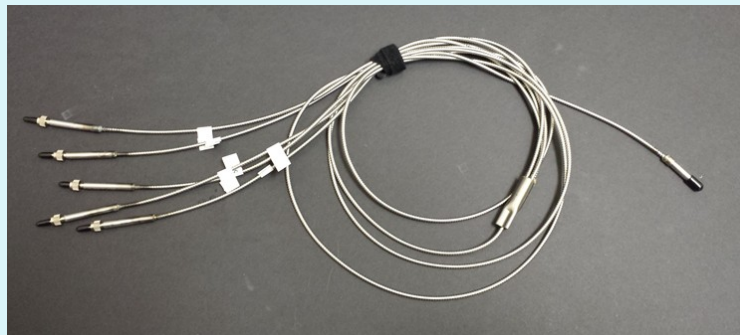
- FC, ST, MT, SMA

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

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