FOCIS™ Optical Beam Breaker System

FOCIS™ Optical Beam Breaker system is for all-optical high resolution detection or counting of objects such as rotor blades or bearings, passing between the send and receive probes. The system requires the use of 1 send and 1 receive channel of a FOCIS™ Sensor Interface Unit.

Environmental

- Low Temperature Model uncooled continuous operational temperature: 175 °F (80 °C)
- High Temperature Model uncooled continuous operational temperature: 1100°F (590 °C)
- 500 °F (260 °C) maximum cable temperature
- 175 °F (80 °C) maximum connector temperature

Working Range

- 0.125" - 1" (3.18 - 25 mm)
- Other working ranges available upon request

Probe Dimensions

- Standard Diameter: 0.1875" (4.76 mm)
- Standard Length: 1.25" (31.75 mm)

Connector Options

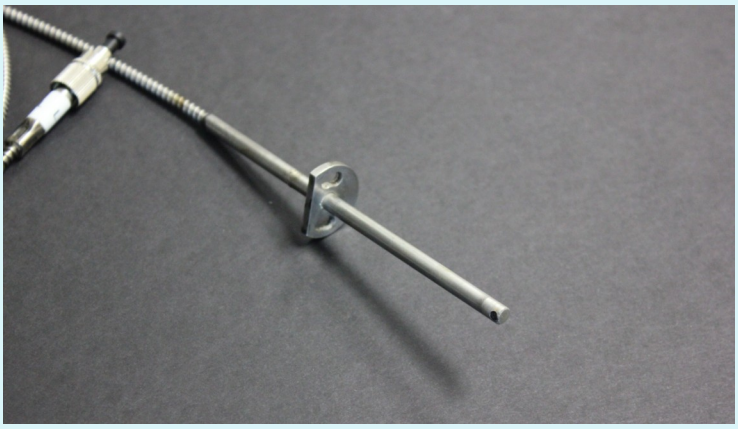
- FC, ST, MT, SMA

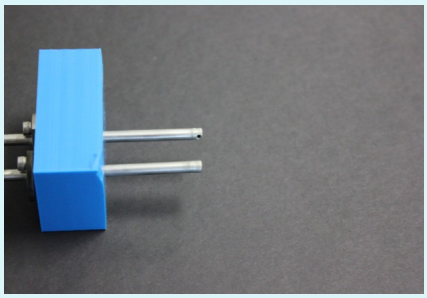
Cable Options

- 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 and/or threading of the probe head





Beam Breaker probe (left) and example of how a send and receive probe can be positioned (above).

CUSTOM DESIGN REQUESTS WELCOME

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

WWW.PRIMEPHOTONICS.COM
INFO@PRIMEPHOTONICS.COM