



RIGHT ANGLE PROBES

For Installation In Tight Spaces

Prime Photonics' right angle probes are designed for installation in tight spaces with very little space above the probe head for installation and removal. They consist of a short head and a hard line exiting the head at a 90° angle.

We make unlensed right angle probes for blade tip timing and lensed right angle probes which can be used for both blade tip timing and blade tip clearance.

Environmental Conditions

Right angle probes can be made for temperatures up to 700 °C (1,292 °F) without cooling.

Optional gas lines can be built into the probe for cooling and cleaning purposes.

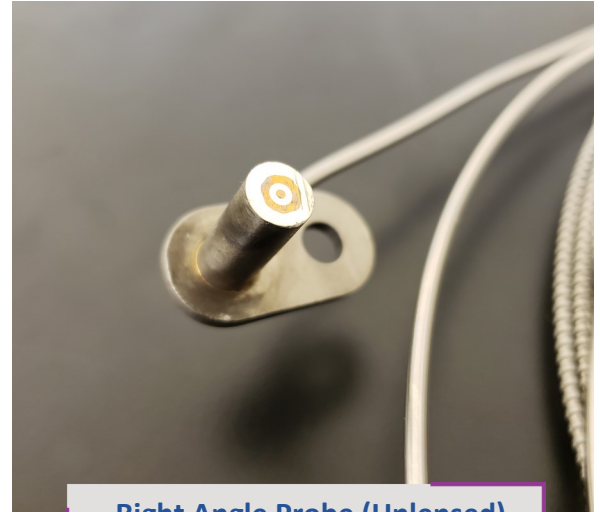
Typical Dimensions

Height of the probe head from the tip of the probe to the right angle hard line is typically between .63 and .86" (16 and 22 mm). Other sizes can be accommodated upon request.

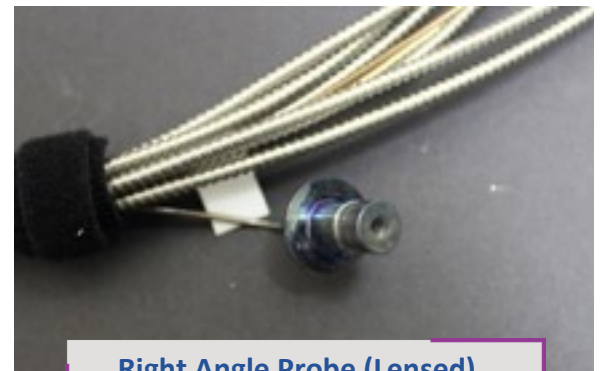
Specifying a Right Angle Probe

The following parameters need to be communicated to Prime Photonics for design of a custom right angle probe:

- Probe tip dimensions, particularly maximum height and diameter
- Environmental conditions (especially maximum temperature) for the probe tip and cable
- Probe mounting flange interface
- Length and type of cable



Right Angle Probe (Unlensed)



Right Angle Probe (Lensed)

KEY PARAMETERS

Small height for installation in tight spaces

Unlensed and lensed versions available

FC, ST, and SMA connectors available

Customizable mounting flange and dimensions

Rigid and flexible cables available