

# Fiber Optic Reflectance Probe Data



# Gulf Photonics™

A DIVISION OF GULF FIBEROPTICS

Fiber Type	Fiber Size	Jacket	Part Number
Broadband (200-2100nm)	100um	Silicone Monocoil	2540147
Broadband (200-2100nm)	200um	Silicone Monocoil	2540148
Broadband (200-2100nm)	400um	Silicone Monocoil	2540149
Broadband (200-2100nm)	600um	Silicone Monocoil	2540150
UV/SR (190-1100nm)	100um	Silicone Monocoil	2540151
UV/SR (190-1100nm)	200um	Silicone Monocoil	2540152
UV/SR (190-1100nm)	400um	Silicone Monocoil	2540153
UV/SR (190-1100nm)	600um	Silicone Monocoil	2540154
Broadband (200-2100nm)	100um	FE/BX	2540155
Broadband (200-2100nm)	200um	FE/BX	2540156
Broadband (200-2100nm)	400um	FE/BX	2540157
Broadband (200-2100nm)	600um	FE/BX	2540158
UV/SR (190-1100nm)	100um	FE/BX	2540159
UV/SR (190-1100nm)	200um	FE/BX	2540160
UV/SR (190-1100nm)	400um	FE/BX	2540161
UV/SR (190-1100nm)	600um	FE/BX	2540162

At Gulf Photonics, we believe that quality is the first order of business. Our products are made in the USA, and built to withstand the rigors of constant use in almost any operating environment. We carry a full range of fiber, core size, sheathing, and connector options for fiber optic reflection probes.

If you need a custom solution, we can help. Our engineering team has years of experience creating and building custom probes for a wide range of industries. If you have a unique requirement, Gulf is here to make sure you get exactly what you need to get the job done right the first time.

### Specifications

Fiber Type
Fiber Core Size
Fiber Core Material
Fiber Buffer/Coating
Transmission Wavelengths
Numerical Aperture
Full Acceptance Cone
Connectors
Jacket
Inner Strength Member
Operating Temperature Range
Reflection Probe Ferrule Material
Reflection Probe Ferrule Diameter
Reflection Probe Ferrule Length

### Gulf Photonics Reflectance Probes

Step-Index Multimode
100, 200, 400, or 600µm
Pure Silica
Polyimide
Broadband Fiber: 200-2100nm
UV/SR Fiber: 190-900nm
<i>Full Fiber Specs Available at <a href="http://www.gulfphotonics.com">www.gulfphotonics.com</a></i>
0.22 ± 0.02
25.4°
Gulf Photonics SMA-905, Reflectance Probe
Silicone Monocoil or Fully Expanded BX Squarelock
<i>Silicone Monocoil Jacket</i> : Built in strength member with fiberglass inner sheath
<i>Fully Expanded BX Squarelock</i> : Fiberglass inner sheath
-20 ↔ 250°C
Stainless Steel
6.35 ± 0.25mm (0.25" ± 0.1")
76.2 ± 1.3mm (3.00" ± 0.05")

