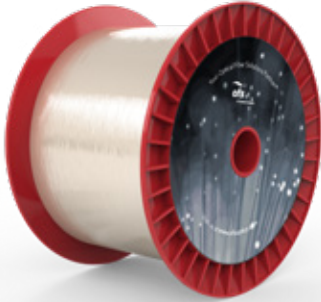


GyroSil® 1550-135 Polarization-Maintaining Optical Fiber

P/N: 35889



Overview

GyroSil 1550 Polarization-Maintaining (PM) Sensing Fibers for Fiber Optic Gyroscopes have a reduced diameter cladding of 80 μm . They exhibit excellent bend performance in small diameter coils. The fiber has a 1550 nm operating wavelength and a 135 μm diameter dual acrylate coating.

Typical Applications

Fiber Optic Gyroscopes



A Furukawa Company

GyroSil® 1550-135 Polarization-Maintaining Optical Fiber

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Product Specifications	
Product Description	GyroSil 1550-135 Polarization-Maintaining Optical Fiber
Physical Characteristics	
Cladding Diameter	80 ± 1 µm
Coating Diameter	135 ± 5 µm
Core Concentricity Error	< 0.5 µm
Optical Characteristics	
Type	Polarization-Maintaining
Center Operating Wavelength	1550 nm
Cutoff Wavelength	< 1500 nm
Mode Field Diameter @ 1550 nm ¹	6.4 ± 0.5 µm
Attenuation @ 1550 nm	< 1.0 dB/km
PM Properties	
H-Parameter, Shipping Spool at Room Temperature	< 2 x 10 ⁻⁵ 1/m
Beat Length @ 1550 nm	< 3.5 mm
Mechanical and Environmental	
Proof Test Level	100 kpsi
Order by Part Number	35589

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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