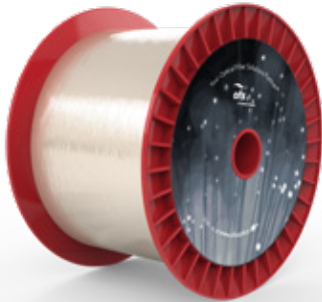


GyroSil® 1550 Rad-Hard Polarization-Maintaining Optical Fiber

P/N: 27304



Overview

GyroSil Rad-Hard Polarization-Maintaining (PM) Sensing Fibers for Fiber Optic Gyroscopes feature a Pure Silica core for improved radiation resistance. GyroSil fibers 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 is offered with a 145 μm diameter dual acrylate coating.

Typical Applications

Fiber Optic Gyroscopes



A Furukawa Company

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Product Specifications	
Product Description	GyroSil 1550 Rad-Hard Polarization-Maintaining Optical Fiber
Physical Characteristics	
Cladding Diameter	80 ± 1 µm
Coating Diameter	145 ± 7 µm
Core Concentricity Error	< 0.5 µm
Optical Characteristics	
Type	Polarization-Maintaining
Center Operating Wavelength	1550 nm
Cutoff Wavelength	< 1550 nm
Mode Field Diameter @ 1550 nm	8.9 ± 0.5 µm
Attenuation @ 1550 nm	< 1.0 dB/km
PM Properties	
Beat Length @ 1550 nm	< 4 mm
Mechanical and Environmental	
Proof Test Level	100 kpsi
Order by Part Number	27304

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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