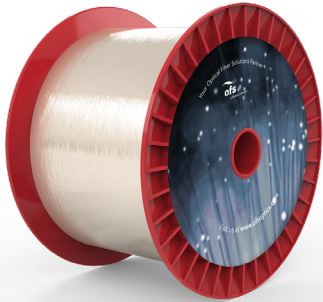




A Furukawa Company

Accutether® 80 μ m Bend-Optimized Optical Fiber

P/N: 27317



Overview

The design of this dispersion shifted single-mode optical fiber incorporates a germanium doped core and a silica cladding. A high delta core ensures extremely low bending losses. A dual layer protective coating is applied to provide the maximum in abrasion and damage resistance.

Typical Applications

Tightly wound small diameter coils requiring extremely low bend loss



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Product Specifications	
Product Description	Accutether 80 µm Bend-Optimized Optical Fiber
Physical Characteristics	
Coating Material	Dual Layer Acrylate
Cladding Diameter	80 ± 1 µm
Coating/Buffer Diameter	160 ± 5 µm Dual Layer
Clad Non-Circularity	≤ 1%
Core/Clad Offset	≤ 0.5 µm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	1410 ± 50 nm
Mode Field Diameter @ 1550 nm	6.0 ± 0.5 µm
Attenuation @ 1550 nm (Maximum)	≤ 0.5 dB/km
Macrobend attenuation: 1 turn on a 2 mm radius mandrel (@ 1550 nm)	≤ 0.03 dB
Mechanical and Environmental	
Proof Test Level	1% 2% On Request
Order by Part Number	27317

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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