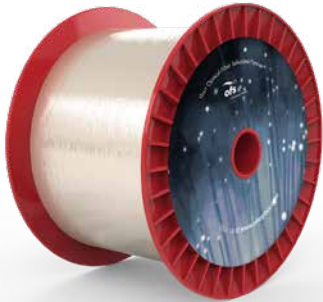




A Furukawa Company

Accutether® 125 μm Bend-Optimized Optical Fiber

P/N: 41364



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 maximum in abrasion and damage resistance.

Typical Applications

Tightly wound small diameter coils requiring extremely low bend loss



A Furukawa Company

Accutether® 125 µm Bend-Optimized Optical Fiber

P/N: 41364

Product Specifications	
Product Description	Accutether 125 µm Bend-Optimized Optical Fiber
Physical Characteristics	
Coating Material	Dual Layer Acrylate
Cladding Diameter	125 ± 1 µm
Coating/Buffer Diameter	245 ± 5 µm Dual Layer
Clad Non-Circularity	≤ 1.0%
Core/Clad Offset	≤ 0.8 µm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	< 1350 nm
Mode Field Diameter @ 1550 nm	6.0 ± 0.5 µm
Dispersion @ 1550 nm	-2.0 to 6.0 ps/(nm*km)
Attenuation @ 1310 nm	≤ 0.55 dB/km
Attenuation @ 1550 nm	≤ 0.30 dB/km
Macrobend attenuation: 1 turn on a 2.5 mm radius mandrel (@1550 nm)	≤ 0.05 dB
Mechanical and Environmental	
Proof Test Level	2%
Order by Part Number	41364

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.



Copyright © 2020 OFS Fitel, LLC. All rights reserved, printed in USA.

OFS Marketing Communications
Date: 10/20



Accutether is a registered trademark of OFS Fitel, LLC. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.