



Coreless Termination Optical Fiber - Acrylate Coated

P/N: F15330

Product Overview

Termination optical fiber is a coreless silica fiber. It is useful for eliminating back reflections from unused branches of a multi-port device as well as performing return loss measurement.

A termination of better than 65 dB is achieved by splicing approximately 0.25 meters of this fiber to the desired component. A fusion splice also provides higher reliability and long-term stability over conventional termination methods.

There is excellent repeatability since there is no potential for subsurface damage, fiber breakage, or fiber contamination as with polished or angled cleaves. A quality termination using a patented method (U.S. Patent No. 5,263,103) is possible for all fiber designs including high delta fibers such as erbium-doped fiber.

Product Specifications

Product Description Coreless Termination Optical Fiber - Acrylate Coated

Physical Characteristics

Coating Material Dual UV Acrylate

Glass Diameter $125 \pm 1 \mu\text{m}$

Coating Diameter $250 \pm 10 \mu\text{m}$

Core Non-Circularity $< 2\%$

Coating Concentricity Error $\leq 6 \mu\text{m}$

Mechanical and Environmental

Operating Temperature -40 to $+85^\circ\text{C}$

Proof Test Level 200 kpsi (1.38 GPa)

Order by Part Number **F15330**

Contact Information

For additional information please contact your sales representative. You can also visit our website at www.lightera.com or call 1-888-FIBERHELP (1-888-342-3743) USA or 1-770-798-5555 outside the USA. For a full list of our certifications, visit our website.

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