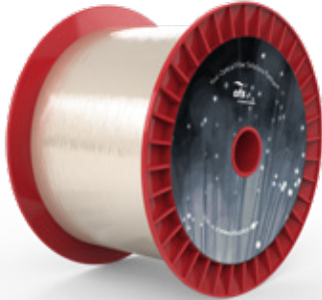


RightWave® EDF LPL Reduced Length Optical Fiber

P/N: 76675



Overview

The RightWave EDF portfolio has a broad EDF product line with each fiber type optimized for different applications.

RightWave EDF LPL is a L-Band fiber designed for high efficiency, low noise figure, low non-linear effects and spectral flatness in DWDM amplifiers. These features reduce the length of fiber needed in amplifier design.

Typical Applications

Compact L-Band Amplifiers

L-Band DWDM Amplifiers

Small-Channel Count

L-Band Amplifiers



A Furukawa Company

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Product Specifications	
Product Description	RightWave EDF LPL Reduced Length Optical Fiber
Physical Characteristics	
Cladding Diameter	125 µm
Coating Diameter	245 µm
Core/Cladding Concentricity Error	≤ 0.3 µm
Optical Characteristics	
Type	Erbium-Doped Fibers for L-Band
Cutoff Wavelength	1230 nm
Peak Absorption @ 1530 nm	37.0 ± 3.0 dB/m
Mode Field Diameter @ 1550 nm	4.9 ± 0.7 µm
PMD (Typical)	≤ 2 fs/m
Loss @ 1200 nm	< 10 dB/km
Numerical Aperture	0.26 ± 0.02
PM or SM	SM
Mechanical and Environmental	
Proof Test Level	200 kpsi (1.38 GPa)
Order by Part Number	76675

OPTIONS: Coils or Spools, Color-Coded Buffers, Custom Designs, Fibers Available in Long Lengths on Standard Spools, Fibers Available in Predetermined Lengths and Coiled to Given Diameters, Fibers Available with Natural or Colored Buffer, Fibers May be Customized to Suit Your Specific Application

NOTE: Compatible with OASiX® Software Package: Accurate prediction of EDF performance is essential to applications design. OFS offers specialized OASiX Amplifier Simulation System Software, which allows the designer to predict EDFA performance at all pump powers for the specific lot of EDF purchased. OASiX is also available in a DLL version for compatibility with external optimization tools.

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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