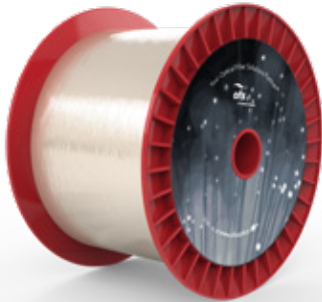


RightWave® EDF HP980X Optical Fiber

P/N: 61378



Overview

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

RightWave EDF MP980X has all the high power fiber characteristics of MP980, but with a higher cutoff wavelength resulting in higher efficiency.

Typical Applications

CATV Amplifiers

DWDM Amplifiers

Multi-Stage Amplifiers at
Very High Pump Powers in
Excess of 250 mW

Product Specifications	
Product Description	RightWave EDF HP980X Optical Fiber
Physical Characteristics	
Cladding Diameter	125 µm
Coating Diameter	245 µm
Aluminum Content (M%) (Typical)	12
Core/Cladding Concentricity Error	< 0.3 µm
Optical Characteristics	
Type	Erbium-Doped Fibers for C-Band
Cutoff Wavelength	1000 to 1200 nm
Peak Absorption @ 1530 nm	7.0 ± 1.0 dB/m
Mode Field Diameter @ 1550 nm	6.8 ± 0.7 µm
PMD (Typical)	≤ 2 fs/m
Loss @ 1200 nm	< 5 dB/km
Numerical Aperture	0.18 ± 0.02
PM or SM	SM
Mechanical and Environmental	
Proof Test Level	≥ 200 kpsi (1.38 GPa)
Order by Part Number	61378

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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