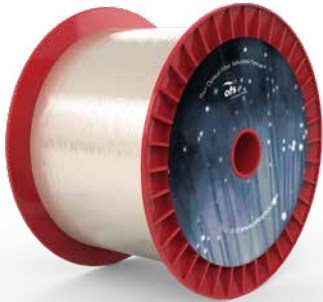




RightWave® EDF MP980-II Optical Fiber

P/N: 61376



Overview

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

RightWave EDF MP980II is a high efficiency fiber designed for a wide range of pump powers up to 600mw. This fiber has a lower noise figure with better transient response time.

Typical Applications

- CATV Amplifiers
- DWDM Amplifiers
- High-Power Optical Amplifiers
- Marine Networks
- Metro and Long Haul Networks
- Packet Optical Networks
- Single- or Multi-Stage Amplifiers
- Storage Networks and Disaster Recovery



Product Specifications	
Product Description	RightWave EDF MP980-II Optical Fiber
Optical Characteristics	
Type	Erbium-Doped
Cutoff Wavelength, Typical	1170 nm
Peak Absorption @ 1530 nm	7.5 ± 1.0 dB/m
Mode Field Diameter @ 1550 nm	5.5 ± 0.5 μm
PMD (Typical)	≤ 2 fs/m
Loss @ 1200 nm	≤ 5 dB/km
Numerical Aperture	0.22 ± 0.02 μm
PM or SM	SM
Physical Characteristics	
Cladding Diameter	125 ± 1 μm
Coating Diameter	245 ± 10 μm
Core/Cladding Concentricity Error	< 0.3 μm
Mechanical and Environmental	
Proof Test Level	≥ 200 kpsi (1.38 GPa)
Order by Part Number	61376

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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