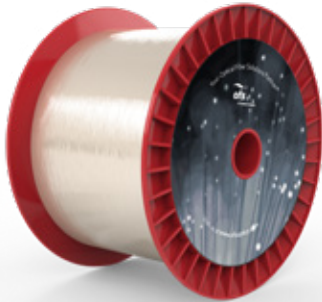


RightWave® Moderate EDF HG980 Optical Fiber

P/N: 61379



Overview

The OFS family of RightWave Erbium-Doped optical fibers offers several designs for ASE source applications. These fibers have a high NA and moderate erbium concentration. RightWave Moderate EDF HG980 is wellsuited for pumping at either 980 or 1480 nm.

Typical Applications

ASE Source Applications

Pumping at Either
980 or 1480 nm

Product Specifications	
Product Description	RightWave Moderate EDF HG980 Optical Fiber
Physical Characteristics	
Cladding Diameter	125 μ m
Coating Diameter	245 μ m
Core Eccentricity	$\leq 0.3 \mu$ m
Optical Characteristics	
Type	Erbium-Doped Fibers for ASE Sources
Cutoff Wavelength	920 nm
Peak Absorption @ 1530 nm	17.0 ± 2.0 dB/m
Mode Field Diameter @ 1550 nm	$5.1 \pm 0.7 \mu$ 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
Order by Part Number	61379
OPTIONS: Coils, Custom Designs, Customized Spectral Shape, HG980 80 Also Available in Standard 125 μ m Cladding Size with 250 μ m Coating, Tighter Optical Property Specifications	
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.