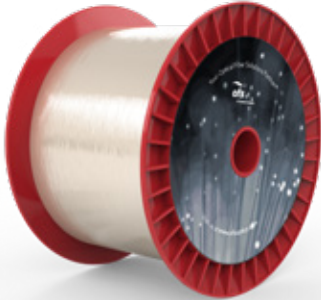




A Furukawa Company

## RightWave® EDF GP980 Optical Fiber

P/N: 22904



### Overview

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

RightWave EDF GP980 is a general purpose fiber designed for a wide range of applications, including single-stage, single-channel, narrow bandwidth and metro amplifiers, where tight lot tolerances and full blown characterization are not necessary.

### Typical Applications

CATV Amplifiers

DWDM Amplifiers

Low to Medium Pump Power

Applications in the

125 to 500 mW Range

Single- or Multi-Stage Devices

Product Specifications	
Product Description	RightWave EDF GP980 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	800 to 950 nm
Peak Absorption @ 1530 nm	13 ± 1.5 dB/m
Mode Field Diameter @ 1550 nm	5.5 ± 0.7 µm
PMD (Typical)	≤ 2 fs/m
Numerical Aperture	0.24 ± 0.02
PM or SM	SM
Mechanical and Environmental	
Proof Test Level	200 kpsi (1.38 GPa)
Order by Part Number	<b>22904</b>

**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](http://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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