



RightWave® EDF80 Optical Fiber for Fiber Lasers

P/N: 27308



Overview

The OFS family of RightWave Erbium-Doped Optical Fibers are highly doped and designed for specific use in fiber laser construction. RightWave EDF80 has a peak absorption @ 1530 nm of 80 dB/m and \sim 48 ps/(nm·km) dispersion @ 1550 nm.

Typical Applications

Very Short Lengths
Inside a Laser Cavity



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Product Specifications	
Product Description	RightWave EDF80 Optical Fiber
Physical Characteristics	
Cladding Diameter	125 µm
Coating Diameter	245 µm
Optical Characteristics	
Type	Other Doped Fibers
Cutoff Wavelength	1350 nm
Peak Absorption @ 1530 nm	80 dB/m
Mode Field Diameter @ 1550 nm	4.3 ± 0.7 µm
Numerical Aperture	0.28 ± 0.02
Dispersion @ 1550 nm	~-48 ps/(nm·km)
PM or SM	SM
Mechanical and Environmental	
Proof Test Level	2%
Order by Part Number	27308
OPTIONS: Coils, Colored or Natural Buffers, Custom Designs	



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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