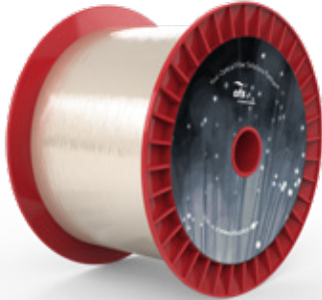


## RightWave® EDF80 Optical Fiber for Fiber Lasers

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



A Furukawa Company

# RightWave® EDF80 Optical Fiber for Fiber Lasers

P/N: 27308

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	<b>27308</b>
<b>OPTIONS:</b> 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](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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