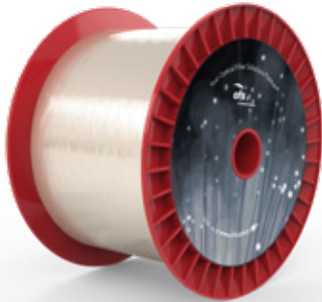


## RightWave® EDF LRL 80 $\mu\text{m}$ Optical Fiber

P/N: 76176



### Overview

The RightWave EDF portfolio has a broad EDF product line with each fiber type optimized for different applications. Versions of the most widely used OFS EDF fibers are available with an 80  $\mu\text{m}$  cladding diameter and are well-suited for compact amplifiers.

RightWave EDF LRL 80 is an 80  $\mu\text{m}$  version of reduced length L-Band fiber, with reduced cladding designed for high efficiency, low noise figure, low non-linear effects and spectral flatness in DWDM amplifiers as well as smaller bend radius needed for compact amplifier design.



A Furukawa Company

# RightWave® EDF LRL 80 μm Optical Fiber

P/N: 76176

| Product Specifications  |                                       |
|---|---------------------------------------|
| Product Description   | RightWave EDF LRL 80 μm Optical Fiber |
| <b>Physical Characteristics</b>   |                                       |
| Cladding Diameter   | 80 μm                                 |
| Coating Diameter  | 165 μm                                |
| Core/Cladding Concentricity Error   | < 0.3 μm                              |
| <b>Optical Characteristics</b>  |                                       |
| Cutoff Wavelength   | 1230 nm                               |
| Peak Absorption @ 1530 nm   | 30.0 ± 3.0 dB/m                       |
| Mode Field Diameter @ 1550 nm   | 4.9 ± 0.7 μm                          |
| Numerical Aperture  | 0.26 ± 0.02                           |
| PM or SM  | SM                                    |
| <b>Mechanical and Environmental</b>   |                                       |
| Proof Test Level  | 2%                                    |
| Order by Part Number  | <b>76176</b>                          |
| <b>OPTIONS:</b> 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 |                                       |

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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