

Erbium Doped Fiber for L-band

Product Information

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INTRODUCTION

Prime Optical Fiber Corporation (POFC) develops its own process to produce high-quality Erbium Doped Fiber (EDF). It is ideally suited for L-band long haul or metro EDFA's.

SPECIFICATIONS

Product Name

EDL001

Absorption Coefficient @ 1530 nm

30.0 ± 5 dB/m

Absorption Coefficient @ 1480 nm

10.0 ± 2 dB/m

Background loss @ 1200 nm

< 15 dB/km

Cut-off Wavelength

1200 ± 100 nm

Numerical Aperture

0.23 ± 0.03

Mode Field Diameter @ 1550 nm

5.8 ± 0.6 μm

Mode Field Diameter @ 1480 nm

4.9 ± 0.3 μm

Mode Field Diameter @ 980 nm

3.4 ± 0.3 μm

Core Diameter

3.7 ± 0.3 μm

Cladding Diameter

125 ± 1 μm

Coating Diameter

245 ± 10 μm

Core/ Cladding Concentricity

≤ 0.5 μm

Cladding/ Coating Concentricity

< 12 μm

Co-dopants

Ge/Er/Al/La

Coating Type

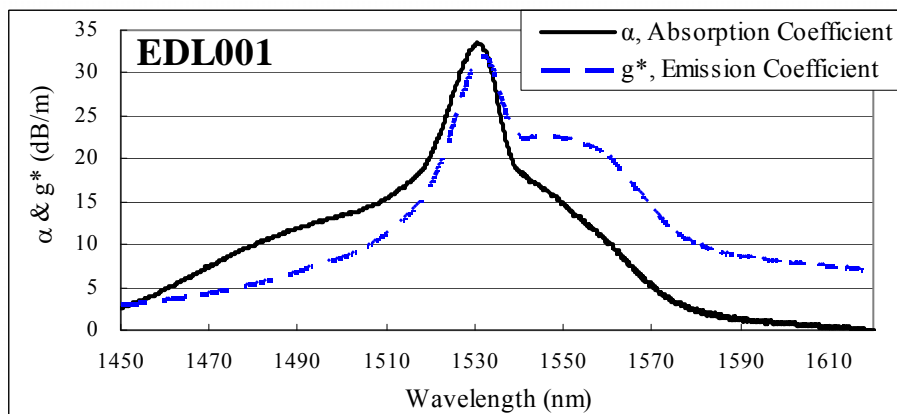
Dual Acrylate

Proof Test

100 or 200 kpsi

Length

Customize



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