

L波段掺铒光纤小包层进口掺铒光纤

产品名称	L波段掺铒光纤小包层进口掺铒光纤
公司名称	四川领航光瑞科技有限公司
价格	.00/个
规格参数	nufern:EDFL-980-HP-80
公司地址	-
联系电话	暂无

产品详情

nufern掺铒光纤L波段小包层EDFL-980-HP-80

EDFL-980-HP-80L-Band Reduced Clad Erbium-Doped Single-Mode Fiber

Nufern high performance L-Band Erbium-doped fibers are designed for use in L-band amplifiers and compact ASE sources. The 80 μ m version is a reduced-cladding fiber ideal for small form-factor devices. All Nufern erbium-doped fibers are fabricated with a proprietary doping technology and have highly consistent and reproducible spectroscopy, ensuring intra-lot and lot-to-lot uniformity. These fibers are extensively characterized and accompanied by lot specific data.

Optical Specifications

Operating Wavelength

1565 – 1625 nm

Core NA

0.250

Mode Field Diameter

5.5 \pm 0.5 μ m @ 1550 nm

Cutoff

920 ± 50 nm

Core Attenuation

15.0 dB/km @ 1200 nm

Core Absorption

25.0 ± 2.0 dB/m near 1530 nm 18.5 ± 11.5 dB/m near 980 nm

Geometrical & Mechanical Specifications

Cladding Diameter

80.0 ± 1.0 m

Core Diameter

2.8 m

Coating Diameter

165.0 ± 10.0 m

Coating Concentricity

< 5.0 m

Core/Clad Offset

0.30 μ m

Coating Material

Acrylate

Operating Temperature Range

-40 to 85 ° C

Proof test Level

200 kpsi (1.4 GN/m)

Comments

Coating Requirements: UV Cured, Dual Acrylate. Other Requirements: Fiber designed to operate in the L-Band