

IXF-NDF-3-125-HD TECHNICAL SPECIFICATIONS

Single Clad Neodymium Doped fiber

Geometrical & mechanical Parameters

Core diameter	$3 \pm 0.5 \mu\text{m}$
Cladding diameter	$125 \pm 2 \mu\text{m}$
Cladding shape	Circular
Coating diameter	$245 \pm 15 \mu\text{m}$
Proof test level	100 kpsi

Optical Parameters

Core Numerical Aperture	0.26 ± 0.02
Mode Field Diameter	$3 \pm 0.5 \mu\text{m} @ 920 \text{ nm}$
Cutoff wavelength	$< 1000 \text{ nm}$
Core absorption	$150 \pm 20 \text{ dB/m} @ 804 \text{ nm}$

Additional information

Photosensitive fiber with Germanium co-doped core composition

Specifications are subject to change without notice