

DCF-UN-30/250-11

Double-Clad Passive Fiber



This double-clad passive fiber is ideal for the manufacture of passive components that are part of high peak power pulsed fiber lasers designed for industrial applications.

Features & Benefits

- Low background losses
- Excellent geometrical properties
- Compatible with industry-standards active fibers

Applications

- Passive component manufacturing
- High peak power pulsed fiber lasers

Related Products

- [SCF-UN-30/250-11](#)
Single-clad passive fiber

Specifications

Optical

Numerical Aperture - Core	0.11 ± 0.01
Numerical Aperture - Cladding	> 0.45
Background Loss @ 1200 nm (dB/km)	< 10

Geometrical & Mechanical

Core Diameter (µm)	30 ± 2
Cladding Diameter (µm)	250 ± 5
Core/Cladding Concentricity Error (µm)	< 1.5
Coating Diameter (µm)	375 ± 20
Proof Test (kpsi)	≥ 100

Environmental

Operating Humidity (%)	5 - 85
Operating Temperature (C°)	0 - 70
Storage Humidity (%)	5 - 85
Storage Temperature (C°)	-40 - 85

ISO 9001:2015 certified quality system | RoHS and REACH compliant.
All specifications are subject to change without notice. Reference: 101-10-0445.R2