

# SCF-UN-20/250-11

## Single-Clad Passive Fiber



This single-clad passive fiber features excellent geometrical properties. It is ideal for manufacturing passive components for fiber lasers and amplifiers used in material processing applications.

### Features & Benefits

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

### Applications

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- Passive component manufacturing
- Material processing
- Fiber lasers and amplifiers

### Specifications

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#### Optical

Numerical Aperture - Core	0.11 ± 0.005
Background Loss @ 1200 nm (dB/km)	< 10

#### Geometrical & Mechanical

Core Diameter (µm)	20 ± 1
Cladding Diameter (µm)	250 ± 5
Core/Cladding Concentricity Error (µm)	< 1.5
Coating Diameter (µm)	370 ± 10
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: 100-10-0718.R1