

SCF-UN-3/125-25

Passive Single Clad Fiber

CorActive offers one of the most extensive selections of passive optical fibers for component manufacturing, laser beam delivery fibers or other applications on the market.

CorActive's SCF-UN-3/125-25 passive single clad fiber features a small effective area and is specifically designed for use in nonlinear applications such as Raman amplification, supercontinuum generation, etc.

SPECIFICATIONS

Optical

Core NA		0.25 ± 0.02
Typical Mode Field Diameter	μm	(4.0)

Geometrical&Mechanical

Core Diameter	μm	3.0 ± 0.5
Clad Diameter	μm	125 ± 2
Coating Diameter	μm	245 ± 10
Core/Clad Concentricity Error	μm	≤ 1.5
Proof Test	kpsi	≥ 50

TYPICAL APPLICATIONS

- Raman amplification
- Supercontinuum generation
- Optical regeneration

ADVANTAGES

- Low background losses
- Excellent geometrical properties

RELATED PRODUCTS

- PM Version: SCF-UN-3/125-25-PM

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