



## SI 220/242-22/330 (DC)

### Pure Silica Core Double-Clad Optical Fiber

Product Number	SI2111-A
----------------	----------

#### Optical Properties

Core NA	$0.22 \pm 0.02$
Inner Cladding NA	$\geq 0.46$
Core Attenuation @1300nm (dB/km)	$\leq 20.0$
Core Attenuation @1200nm (dB/km)	$\leq 15.0$
Cladding Attenuation @1095nm (dB/km)	$\leq 15.0$

#### Geometric / Mechanical Properties

Core Diameter ( $\mu\text{m}$ )	$220.0 \pm 4.0$
Cladding Diameter ( $\mu\text{m}$ )	$242.0 \pm 3.0$
Coating Diameter ( $\mu\text{m}$ )	$330.0 \pm 25.0$
Core / Cladding Concentricity ( $\mu\text{m}$ )	$\leq 3.0$
Cladding Non-circularity (%)	$\leq 0.5$
Proof Test (kpsi)	$\geq 100$
Inner Coating Material	Low Refractive Index Coating
Outer Coating Material	Acrylate