



SSXCKB

Application:

1 fiber simplex armored indoor fiber optic cable. Lightweight, excellent protection against mechanical loads.

Data sheet

Diameter beyond tube		$1,65 \pm 0,05\text{mm}$
Diameter beyond braid		$2,05 \pm 0,05\text{mm}$
Outer diameter		$2,85 \pm 0,1\text{mm}$
Jacket		PVC or LSZH
Fiber type		Single Mode 9/125
No. of fibers		1
Max. tensile load		$> 150 \text{ N}$
Max. pressure load		$3000 \text{ N}/100\text{mm}$
Minimum bending radius		20
Transport/Storage temperature		$-40^{\circ} \text{C} - +60^{\circ} \text{C}$
Installation temperature		$-5^{\circ} \text{C} - +50^{\circ} \text{C}$
Operating temperature		$-20^{\circ} \text{C} - +60^{\circ} \text{C}$
Fiber model		Corning SMF-28e
Standard compliance		ITU-T G.652D
Mode field diameter	1310nm	$9,2 \pm 0,4\mu\text{m}$
	1550nm	$10,4 \pm 0,5\mu\text{m}$
Core/Clad Concentricity Error		$< 0,5 \mu\text{m}$
Cladding diameter		$125 \pm 0,7 \mu\text{m}$
Coating/Cladding Concentricity Error		$< 12 \mu\text{m}$
Coating diameter		$245 \pm 5 \mu\text{m}$
Attenuation	1310nm	$0,33 - 0,35 \text{ dB/km}$
	1383nm	$0,31 - 0,35 \text{ dB/km}$
	1550nm	$0,19 - 0,20 \text{ dB/km}$
	1625nm	$0,20 - 0,23 \text{ dB/km}$
Zero dispersion wavelength		$1302 \sim 1322 \text{ nm}$
Zero dispersion slope		$< 0,089 \text{ ps/nm}^2 \cdot \text{km}$
Chromatic dispersion	1550nm	$< 18 \text{ ps/nm} \cdot \text{km}$
	1625nm	$< 22 \text{ ps/nm} \cdot \text{km}$
Polarization dispersion		$< 0,2\text{ps/km}^{1/2}$

