



SCTG-0-4SM

Application:

Outdoor fiber optic cable. Single jacket. Non-armored. "Central Tube" (Uni Tube) design with non-metal components. Single Mode G652D fiber

Data sheet

Fiber type	Single Mode 9/125
Outer diameter	$6,0 \pm 0,2\text{mm}$
No. of fibers	4
Max. tensile load	1000N
Minimum bending radius	10 $\emptyset$
Transport/Storage temperature	$-40^{\circ}\text{C} - +60^{\circ}\text{C}$
Installation temperature	$-5^{\circ}\text{C} - +50^{\circ}\text{C}$
Operating temperature	$-40^{\circ}\text{C} - +60^{\circ}\text{C}$
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	$< 0,4 \mu\text{m}$
Cladding diameter	$125 \pm 0,5 \mu\text{m}$
Coating/Cladding Concentricity Error	$< 12 \mu\text{m}$
Coating diameter	$245 \pm 5 \mu\text{m}$
Attenuation	1310nm 0,334 dB/km
	1383nm 0,314 dB/km
	1550nm 0,194 dB/km
	1625nm 0,224 dB/km
Zero dispersion wavelength	1300~1324 nm
Zero dispersion slope	$< 0,090 \text{ ps/nm}^2\cdot\text{km}$
Chromatic dispersion	1550nm $< 18 \text{ ps/nm}\cdot\text{km}$
	1625nm $< 22 \text{ ps/nm}\cdot\text{km}$
Polarization dispersion	$< 0,2\text{ps/km}^{1/2}$

