



SMT0-D-12SM

Application:

Outdoor fiber optic cable. Single jacket. Non-armored. Designed for duct and aerial installation. "Multi Tube" (Stranded Loose Tube) design with non-metal strength member. Single Mode G652D fiber

Data sheet

Fiber type	Single Mode 9/125	
No. of fibers	12 (3x4)	
Max. tensile load	1500N - static / 600N - dynamic	
Crush resistance	1000N/100mm - static / 300N/100mm - dynamic	
Minimum bending radius	10 x R - static / 20 x R dynamic *	
Transport/Storage temperature	-40°C - +60°C	
Installation temperature	-5°C - +50°C	
Operating temperature	-40°C - +60°C	
Mode field diameter	1310nm	9,2 ± 0,4µm
	1550nm	10,4 ± 0,5µm
Core/Clad Concentricity Error	< 0,5 µm	
Cladding diameter	125 ± 0,7 µm	
Coating/Cladding Concentricity Error	< 12 µm	
Coating diameter	245 ± 5 µm	
Attenuation	1310nm	0,33 - 0,35 dB/km
	1383nm	0,31 - 0,35 dB/km
	1550nm	0,19 - 0,20 dB/km
	1625nm	0,20 - 0,23 dB/km
Zero dispersion wavelength	1302~1322 nm	
Zero dispersion slope	< 0,089 ps/nm ² ·km	
Chromatic dispersion	1550nm	< 18 ps/nm·km
	1625nm	< 22 ps/nm·km
Polarization dispersion	< 0,2ps/km ^{1/2}	

