



SMCK

Application:

Indoor distribution "multi-core" optical cable. Several fiber under common jacket. Lightweight for short distances, cross-connects.

Data sheet

"Tight buffer" diameter	0,9 mm
Outer diameter. max.	7.0 mm
Jacket	PVC or LSZH
Fiber type	Single Mode 9/125
No. of fibers, max.	2, 4, 6, 8, 10, 12
Max. tensile load, max.	> 500N
Minimum bending radius	2 Ø
Transport/Storage temperature	-40°C - +60°C
Installation temperature	-5°C - +50°C
Operating temperature	-20°C - +60°C
Fiber model	Corning SMF-28e
Standard compliance	ITU-T G.652D
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}

