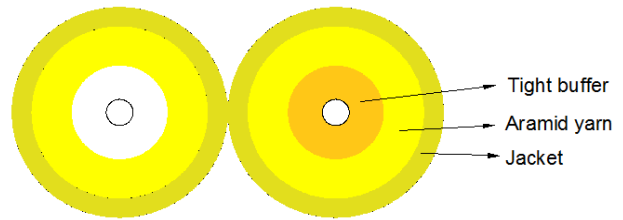
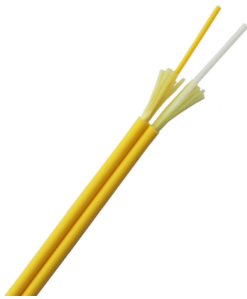


Technical Data Sheet

Fiber Optic Indoor Cable - OS2 / OS1 Duplex Zipcord



Standard Compliance	ISO/IEC 11801 Category OS2	EN 50173-1:2007 Category OS2			
	ISO/IEC 24702:2006 Category OS2 and OS1 IEC 60793-2-50 Category B1.3	IEEE 802.3-2002 with amendment 802.3ae-2002 ITU-T Recommendation G.652.D			
Dimensional Specifications	Fibre Core (um) : 8.2				
	Core Non-Circularity : ≤ 0.7%				
	Core-Clad Concentricity (um) : ≤ 0.5				
	Cladding Diameter (um) : 125.0±0.7				
	Cladding Non-Circularity : ≤ 1.0%				
	Coating Diameter (um) : 242±5				
	Coating-Clad Concentricity Error (um) : ≤ 12				
	Tight-Buffer (mm) : 0.6 (for 1.8 mini-zipcord) / 0.9 (for 2.0&3.0 zipcord)				
	Cable Diameter (mm) : 1.8 (1.7±0.1) / 2.0 (1.9±0.1) / 3.0 (2.9±0.1)				
	Jacket Material : PVC / LSZH				
	High strength Aramid yarn strength members for ease of handling				
Sheath Color Option	PVC Jacket Color		LSZH Jacket Color		
	Yellow Pantone 108C		Yellow Pantone 108U		
Technical Specifications	Fiber Count		2		
	Outer Diameter (mm)		1.8*3.7	2.0*4.2	3.0*6.2
	Nominal Weight (kg/km)		6.7	8.2	13.2
	Max. installation tension (N)	Short-term	160	200	300
		Long-term	80	100	160
	Min. Bending Radius	Installation	20 x Cable diameter		
		Long term	10 x Cable diameter		
	Temperature Range	Operating	0°C~+50°C		
Storage		-20°C~+70°C			
Optical Specifications	Attenuation 1310nm (dB/KM)		≤0.35		
	Attenuation 1383nm (dB/KM)		≤0.35		
	Attenuation 1550nm (dB/KM)		≤0.20		
	Numerical Aperture		0.14		