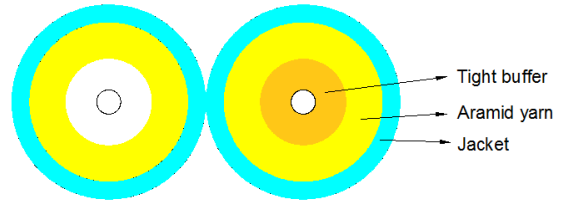
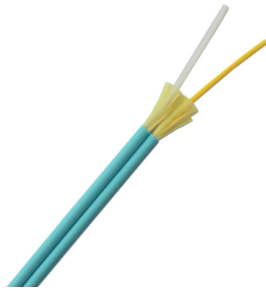


# Technical Data Sheet

## Fiber Optic Indoor Cable - OM4 Duplex Zipcord



Standard Compliance	ANSI/TIA/EIA 568-C.3	EN 50173-1 Category OM4		
	TIA/EIA-492 AAAD	IEEE 802.3		
	ISO/IEC 11801 Category OM4	ITU G.651.1		
	IEC 60793 Category TBD			
Dimensional Specifications	Fibre Core (um) : 50.0±2.5			
	Core Non-Circularity : ≤ 5.0%			
	Core-Clad Concentricity (um) : ≤ 1.5			
	Cladding Diameter (um) : 125.0±1.0			
	Cladding Non-Circularity : ≤ 1.0%			
	Coating Diameter (um) : 245±5			
	Coating-Clad Concentricity Error(um) : ≤ 12			
	Tight-Buffer (mm) : 0.6 (for 1.8 mini-zipcord) / 0.9 (for 2.0 and 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	
	Aqua Pantone 325C		Aqua Pantone 325C	
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	Overfilled Launch Bandwidth 850nm (Mhz.km)		≥ 3500	
	Overfilled Launch Bandwidth 1300nm (Mhz.km)		≥ 500	
	Attenuation 850nm (dB/KM)		≤ 2.3	
	Attenuation 1300nm (dB/KM)		≤ 0.6	
	Numerical Aperture		0.200± 0.015	
	Macrobending Performance		< 10mm	
	Optimized Data Rate over Distance		10 Gb/s over 550 m	