



Standard Compliance	ANSI/TIA/EIA 568-C.3	EN 50173-1 Category OM3	
	TIA/EIA-492 AAAC ISO/IEC 11801 Category OM3 IEC 60793-2-10 Category A1a.3	IEEE 802.3 ITU G.651.1	
Dimensional Specifications	Fiber count : 12		
	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		
	Cable Diameter (mm) : 3.0 (2.9±0.1)		
	Jacket Material : PVC / LSZH		
High strength Aramid yarn strength members for ease of handling			
1-12 Fibers Color	Blue · Orange · Green · Brown · Grey · White · Red · Black · Yellow · Violet · Rose · Aqua		
Jacket Color	Aqua		
Technical Specifications	Strength	Long-term (N)	60
		Short-term (N)	100
	Crush Resistance	Long-term (N/100mm ²)	100
		Short-term (N/100mm ²)	500
	Min. Bending Radius	Installation	30 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)		≥ 1500
	Overfilled Launch Bandwidth 1300nm (Mhz.km)		≥ 500
	Attenuation 850nm (dB/KM)		≤ 2.3
	Attenuation 1300nm (dB/KM)		≤ 0.6
	Macrobending performance		< 10mm
	Optimized Data Rate over Distance		10 Gb/s over 300 m