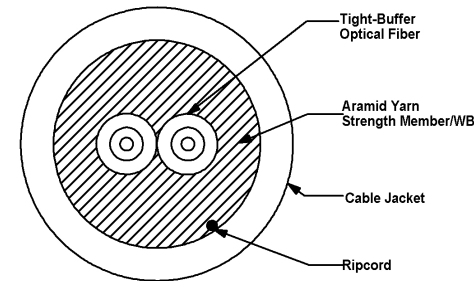


## Light Industrial Environments

**Part #: L2-02-FTB-OM1-08**

2 Fiber

Riser Rated Cables



Fiber Performance	
<b>Fiber Code</b>	WLS
<b>Industry Standard Designation</b>	OM1 ISO/IEC 11801
<b>Core/Cladding Diameter (µm)</b>	62.5/125
<b>Numerical Aperture</b>	0.275
<b>Wavelength (nm)</b>	850/1310
<b>Gigabit Ethernet Distance (m)</b>	300/600
<b>10-Gigabit Ethernet Distance (m)</b>	33/300
<b>Maximum Cabled Attenuation (dB/km)</b>	3.5/1.5
<b>Minimum Laser EMB Bandwidth (MHz-km)</b>	220/500
<b>Minimum OFL LED Bandwidth (MHz-km)</b>	200/500
<b>Primary Coating Diameter (µm)</b>	245
<b>Secondary Buffer Diameter (µm)</b>	900
<b>Proof Test Level (kpsi)</b>	100

Installation and Operating Characteristics			Outer Jacket Properties	
	Installation	Operating		
<b>Max Tensile Load</b>	660 N (150 lbs)	180 N (40 lbs)	Oil Resistant per UL 1581, Table 50.182	
<b>Min Bend Radius</b>	7.3 cm (2.9 in)	4.8 cm (1.9 in)	Sunlight Resistant per UL 444, Section 7.22	
			Abrasion Resistant per UL 2556, Section 7.10	

Mechanical and Environmental	
<b>Impact Resistance EIA/TIA-455-25A</b>	1,500 Impacts
<b>Crush Resistance TIA/EIA-455-41A</b>	1,800 N/cm
<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-55°C to +85°C
<b>Installation Temperature (actual temp.of cable)</b>	-10°C to +60°C
<b>Flame Retardancy</b>	UL Listed Type OFNR (UL 1666) and FT4 (CSA C22.2 No. 232)

Cable Characteristics	
<b>Jacket Color</b>	Orange
<b>Jacket Material</b>	Indoor / Outdoor PVC
<b>Buffer Material</b>	PVC
<b>Cable Weight</b>	22 kg/km (14 lbs/1000')
<b>Cable Diameter</b>	4.8 mm (0.19 in)

