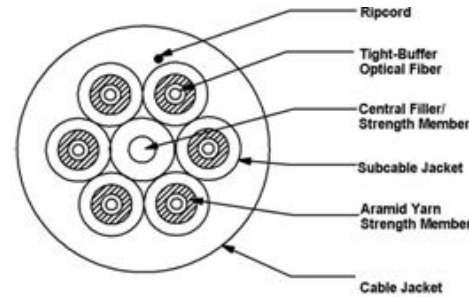


## Harsh Industrial Environments

**Part #: L3-06-FTB-OM1-08**

6 Fiber

Riser Rated Tray Cables



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

Installation and Operating Characteristics		
	Installation	Operating
<b>Max Tensile Load</b>	2,400 N (540 lbs)	600 N (130 lbs)
<b>Min Bend Radius</b>	12.2 cm (4.8 in)	8.1 cm (3.2 in)

Outer Jacket Properties
Oil Resistant per UL 1581, Table 50.182
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>	2,200 N/cm
<b>Operating Temperature</b>	-50°C to +75°C
<b>Storage Temperature</b>	-55°C to +85°C
<b>Installation Temperature (actual temp.of cable)</b>	-30°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 Oil Resistant Low Temperature PVC
<b>Buffer Material</b>	Hard Elastomeric
<b>Subunit OD</b>	2.0 mm
<b>Cable Weight</b>	67 kg/km (45 lbs/1000')
<b>Cable Diameter</b>	8.1 mm (0.32 in)