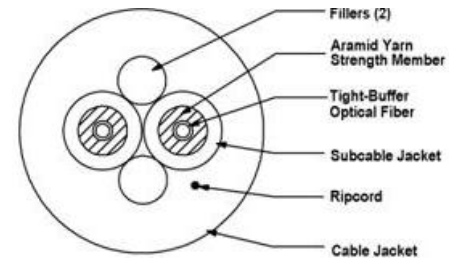


Harsh Industrial Environments

Part #: L3-02-FTB-OM1-08

2 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 Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	800 N (180 lbs)	200 N (40 lbs)
Min Bend Radius	9.0 cm (3.5 in)	6.0 cm (2.4 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	
Impact Resistance EIA/TIA-455-25A	1,500 Impacts
Crush Resistance TIA/EIA-455-41A	2,200 N/cm
Operating Temperature	-50°C to +75°C
Storage Temperature	-55°C to +85°C
Installation Temperature (actual temp.of cable)	-30°C to +60°C
Flame Retardancy	UL Listed Type OFNR (UL 1666) and FT4 (CSA C22.2 No. 232)

Cable Characteristics	
Jacket Color	Orange
Jacket Material	Indoor / Outdoor Oil Resistant Low Temperature PVC
Buffer Material	Hard Elastomeric
Subunit OD	2.0 mm
Cable Weight	41 kg/km (28 lbs/1000')
Cable Diameter	6.0 mm (0.24 in)