

Anixter Level 1 for Industrial Network Environments

Industrial Fiber Cable: Riser 2-Fiber 62.5 OM1



L1-02-FTB-OM1-08	Tight-Buffered Fiber Cable, Riser, 2 F, 62.5 µm multimode (OM1), Orange
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General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser
Cable Type	Tight-Buffered
Product Type	Distribution
Flame Rating	Riser (OFNR)
Fiber Category	62.5 µm MM (OM1)
Standards	
Approvals and Listings	National Electrical Code® (NEC®) OFNR, CSA FT-4, ICEA S-83-596
Flame Resistance	UL-1666 (for riser and general building applications)
Cable Design	
Central Element	Yarn
Fiber Count	2
Tight Buffer Color	Blue, Orange
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Orange

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-10 °C to 60 °C (14 °F to 140 °F)
Operation	-20 °C to 70 °C (-4 °F to 158 °F)
Mechanical Characteristics Cable	
Max. Tensile Strength, Short-Term	660 N (150 lbf)
Max. Tensile Strength, Long-Term	200 N (45 lbf)
Nominal Outer Diameter	4.30 mm (0.17 in)
Weight	14.7 kg/km (9.88 lb/1000 ft)
Min. Bend Radius Installation	64.5 mm (2.5 in)
Min. Bend Radius Operation	43 mm (1.69 in)
Optical Characteristics (Cabled)	
Fiber Core Diameter	62.5 µm
Fiber Category	OM1
Fiber Code	K
Performance Option Code	30
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.4 dB/km / 1.0 dB/km
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / - m
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / - MHz*km

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