Anixter Level 1 for Industrial Network Environments

Industrial Fiber Cable: Riser 24-Fiber 50.0 OM3

L1-24-FTB-OM3-16	Tight-Buffered Fiber Cable, Riser, 24 F, 50.0 µm multimode (OM3), Aqua

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser
Cable Type	Tight-Buffered
Product Type	Distribution
Flame Rating	Riser (OFNR)
Fiber Category	50 µm MM (OM3)
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	24
Tight Buffer Color	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Tight Buffer Color, Layer 2	Violet, Rose, Aqua, Blue*, Orange*, Green*, Brown*, Slate*, White*, Red*, Black*, Yellow*, Violet*, Rose*, Aqua*

Tensile Strength Elements and/or Armoring - Layer 2	Dielectric strength members
Number of Ripcords	1
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Aqua
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	7.35 mm (0.29 in)
Weight	47.0 kg/km (28.88 lb/1000 ft)
Min. Bend Radius Installation	110.25 mm (4.34 in)
Min. Bend Radius Operation	73.5 mm (2.89 in)
Optical Characteristics (Cabled)	
Fiber Core Diameter	50 µm
Fiber Category	OM3
Fiber Code	T
Performance Option Code	80
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	300 m / - m
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / - MHz*km