ANIXTER

Anixter Level 1 for Industrial Network Environments

Industrial Fiber Cable: Riser 6-Fiber 009 OS1

L1-06-FTB-OS1-05	Tight-Buffered Cable, Riser, 6 F, Single-mode (OS1), Yellow

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser
Cable Type	Tight-Buffered
Product Type	Distribution
Flame Rating	Riser (OFNR)
Fiber Category	Single-mode (OS1)
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	6
Tight Buffer Color	Blue, Orange, Green, Brown, Slate, White
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Number of Ripcords	1
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Yellow

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	5.10 mm (0.20 in)
Weight	21.1 kg/km (14.18 lb/1000 ft)
Min. Bend Radius Installation	76.5 mm (3.01 in)
Min. Bend Radius Operation	51 mm (2.00 in)
Optical Characteristics (Cabled)	
Fiber Category	G.652.D
Fiber Code	E
Performance Option Code	31
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.65 dB/km / 0.65 dB/km / 0.50 dB/km