

Anixter Level 1 for Industrial Network Environments

Industrial Fiber Cable: Riser 2-Fiber 009 OS1



L1-02-FTB-OS1-05	Tight-Buffered Cable, Riser, 2 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	2
Tight Buffer Color	Blue, Orange
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Flame-retardant

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 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

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • OEM Supply – Fasteners
 Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • anixter.com

Anixter is a leading global distributor of enterprise cabling and security solutions, electrical and electronic wire and cable, and OEM supply – fasteners and other small parts.
 We reduce risk, complexity and cost from our customers' purchasing decisions, business processes and supply chains.

Anixter does not manufacture these products. Any product warranties are provided by the applicable manufacturers. Data and suggestions made are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. TO THE FULLEST EXTENT PERMITTED BY LAW, ANIXTER DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED. ANIXTER MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT THE ACCURACY OR COMPLETENESS OF ANY INFORMATION PROVIDED.