ADD-MODE-STLC5-1
1m ST (Male) Orange OM2 to LC (Male) Yellow OS2 Duplex OFNR Mode Conditioning Cable

Features

- ST Male to LC Male Connectors
- OM2 and OS2Rated
- Riser Rated
- 50/125 and 9/125 Patch Cable
- Insertion Loss: Fiber 1, End A ≤ 0.2dB
  Fiber 2, End A ≤ 3.0dB
  Fiber 1, End B ≤ 0.2dB
  Fiber 2, End B ≤ 0.3dB
- Return Loss: Single-mode UPC ≥ 55dB
  Multi-mode PC ≥ 35dB

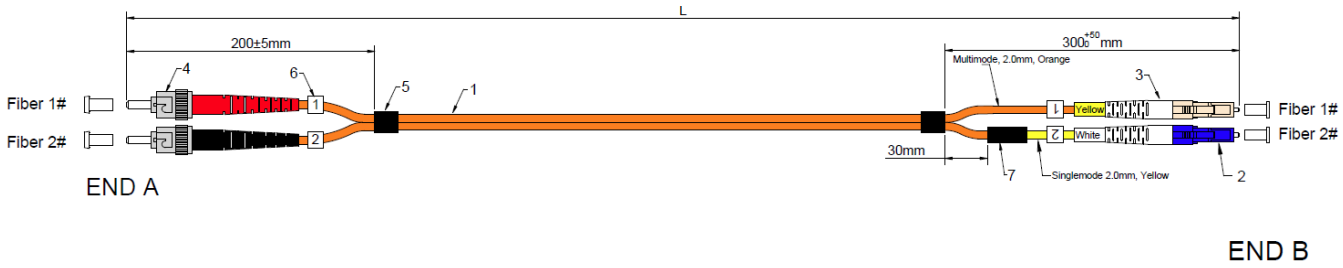
Product Description

This is a 1m ST to LC OM2 & OS2 Duplex OFNR (Riser-Rated) Fiber Mode Conditioning Cable. OFNR riser fiber cable jackets are designed for vertical installations in building risers, providing fire-resistant protection to ensure safe data transmission between floors. These cables meet strict safety standards, making them ideal for businesses that need reliable, in-building network infrastructure without the risk of fire spreading through conduits. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

Specifications

Parameter	Specifications
Environment	Indoor
Fiber Type	MMF & SMF
Connector	ST (Male) to LC (Male)
Color	Multicolored
Shielded	No
Strand Count	2
Cable Mode	Duplex
Jacket Type	Riser
Termination Type	Crossover
Core/Cladding	50/125µm & 9/125µm
Fiber Termination	UPC - Ultra Physical Contact
Environment	Indoor
Polarity	Type A-B
Cable Type	OM2 & OS2
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	UPC (Ultra Physical Contact)
Connector 2 Ferrule Polish	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	Riser (OFNR)
Jacket Material	PVC (Polyvinyl Chloride)
Outer Diameter	2.0mm
Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Insertion Loss	Fiber 1, End A ≤ 0.2dB Fiber 2, End A ≤ 3.0dB Fiber 1, End B ≤ 0.2dB Fiber 2, End B ≤ 0.3dB
Return Loss	Single-Mode UPC ≥ 55dB Multi-Mode PC ≥ 35dB
Length Tolerance	
L < 1M	5cm
1M ≤ L < 15M	10cm
15M ≤ L < 30M	15cm
L ≥ 30M	Length*1%

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	OD: 2.0mm Duplex Multi-Mode OM2 50/125 Fiber Optic Cable, PVC(OFNR/OFNP)/LSZH, Color: Orange
2	1	LC/UPC Simplex SM 2.0mm Connector, Blue Housing, 19mm Short White Boot
3	1	LC/PC Simplex MM 2.0mm Connector, Beige Housing, 19mm Short White Boot
4	1	ST/PC MM Duplex 2.0mm Connector, Metal Housing, Red/Black Boot
5	2	Black Shrinkage Tube
6	4	Cable Marker
7	1	Metal Tube with Black Shrinkage Tube

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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