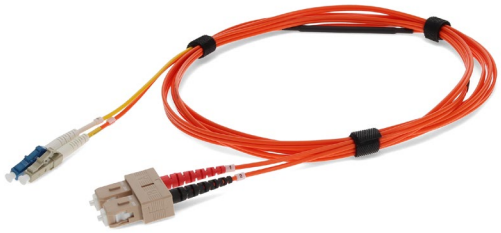
C-MODE-SCLC5-3

3m SC Offset (Male) to LC (Male) Orange OM2 & OS1 Duplex OFNR Mode Conditioning Cable

Features

- OM2 and OS1 Duplex OFNT Mode
- SC/LC connectors
- PVC Jacket
- 3m Length
- Color: Orange
- 50/125 Fiber Optic Cable
- MMF and SMF Fiber Type
- Operating Temperature: -20°C to +60°C



Product Description

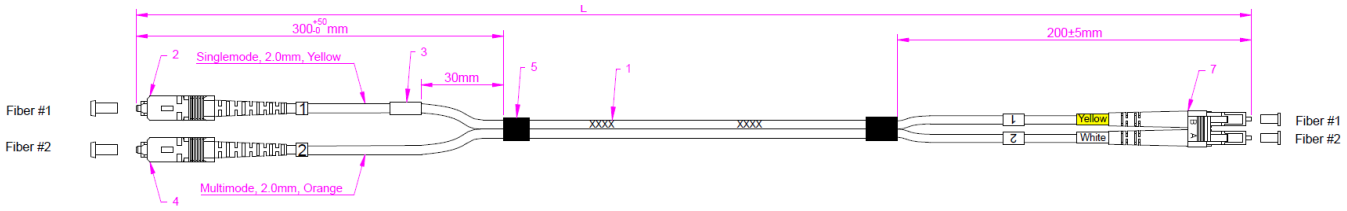
This is a 3m LC offset (male) to SC (male) orange duplex riser-rated fiber mode conditioning cable. OM2 & OS1 eliminates differential mode delay signals by aligning the single-mode launch away from the center of a multimode fiber core. This creates a transmitted signal that is similar to typical multimode light emitting diode (LED) launches. This optical fiber, nonconductive, riser (OFNR) cable is best suited for use in interior fiber-optic applications. A duplex cable is a two-strand fiber optic patch cable that works best with transceivers that both transmit and receive. Our patch cables are 100% compliant for all of your networking needs. Our products are guaranteed by federal law to not affect or void OEM warranties.

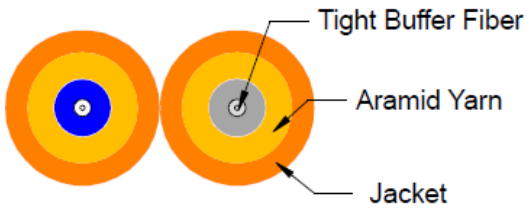
Technical Specifications

Parameter		Specification
Cable Diameter		2.0mm
Cable Material		PVC
Tensile Strength	**Long-Term**	100N
	Short-Term	200N
Bending Radius	**Static**	10D
	Dynamic	20D
Attenuation		@850nm≤3.5dB/km
		@1300nm≤1.5dB/km

Crush Resistance	**Long-Term**	200N/100mm
	Short-Term	1000N/100mm
Operating Temperature		-20°C to 60°C
Storage Temperature		-20°C to 60°C
Fiber Type		OM2
Cable Length Tolerance		10cm
Insertion Loss Fiber 1	**End A**	≤0.3dB
	End B	≤3.0dB
Insertion Loss Fiber 2	**End A**	≤0.2dB
	End B	≤0.2dB
Return Loss	**SM**	UPC≥55dB
	MM	PC≥35dB

Mechanical Specifications





Cable Structure

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

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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