Indoor/Outdoor Fiber Optic Cable Assemblies - Riser and Plenum Rated

Pre-terminated 12 Fiber Cable

RLH Indoor/Outdoor pre-terminated cable assemblies are ideal for campus network cabling between buildings. These cables are designed to meet both the rigorous environment of the outdoors by incorporating a UV rated jacket, and also the requirements of indoor routing, where Riser (OFNR) or Plenum (OFNP) rating is specified.

This dual purpose cable offers convenient and cost effective solution for cable routes spanning a variety of environments by eliminating the need for transition splicing to an indoor-rated cable when routing into the building. This reduces points of failure and associated down time for a wide range of institutions including office parks, hospitals and campuses.

RLH Indoor/Outdoor cable assemblies are pre-terminated with LC, SC or ST connectors, and can be ordered in any length required. Cable assemblies include a pull sheath for ease of deployment on site. Each assembly is fully tested and includes a certification test report.

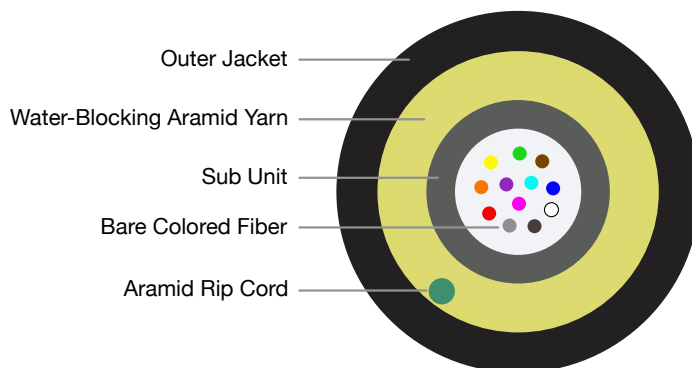*Multimode OM3 Indoor/Outdoor 12 Fiber Cable Assembly showing LC Connectors and Pull Sheath*

Application

- Riser (OFNR) Inside and Outside Plant
- Campus LAN
- Building Interconnections
- Mining

Features

- Factory terminated and certified
- Pre-installed pulling sheath
- UV and Moisture Resistant outer jacket
- Quick field installation

Typical Construction

Outer Jacket
Water-Blocking Aramid Yarn
Sub Unit
Bare Colored Fiber
Aramid Rip Cord

General Specifications

Fiber Strands: 12	Jacket Type: Indoor/Outdoor
Connector Type (Side 1 and 2) LC, SC or ST	Max. Attenuation: Singlemode (1310/1550nm): 0.5/0.4 dB/km
Operating Temp. -40°C to +70°C	Multimode OM1 (850/1300nm): 3.5/1.5 dB/km
	Multimode OM3/OM4 (850/1300nm): 3.0/1.5 dB/km
Fiber Type: Singlemode (9/125), Multimode OM1(62.5/125), Multimode OM3 (50/125), Multimode OM4 (50/125)	Breakout Length: 36 inches
Bending Radius Install/ 15X O.D., Long Term 10X O.D.	Minimum Recommended Conduit Size: 1"
Jacket Rating: Riser OFNR or Plenum OFNP	Typical Cable Diameter: 0.20" +/- 0.02"
Approx. Weight: 23 lbs./kft +/- 10%	Compliance: GR326, IEC 61300-3-35, RoHS

Ordering Information* - Riser Rated Fiber Cable Assemblies

Fibers	Connectors	Mode	Rating	Breakout	Part Number
12	ST	Singlemode	OFNR	36 inch	**RLH-12CRSM2-STST-B36-F-1**
12	SC	Singlemode	OFNR	36 inch	**RLH-12CRSM2-SCSC-B36-F-1**
12	LC	Singlemode	OFNR	36 inch	**RLH-12CRSM2-LCLC-B36-F-1**
12	ST	Multimode (OM1)	OFNR	36 inch	**RLH-12CRMM2-STST-B36-F-1**
12	SC	Multimode (OM1)	OFNR	36 inch	**RLH-12CRMM2-SCSC-B36-F-1**
12	LC	Multimode (OM1)	OFNR	36 inch	**RLH-12CRMM2-LCLC-B36-F-1**
12	SC	Multimode (OM3)	OFNR	36 inch	**RLH-12CRMX2-SCSC-B36-F-1**
12	LC	Multimode (OM3)	OFNR	36 inch	**RLH-12CRMX2-LCLC-B36-F-1**
12	SC	Multimode (OM4)	OFNR	36 inch	**RLH-12CRMC2-SCSC-B36-F-1**
12	LC	Multimode (OM4)	OFNR	36 inch	**RLH-12CRMC2-LCLC-B36-F-1**

- *Specify desired length at time of order

Ordering Information* - Plenum Rated Fiber Cable Assemblies

Fibers	Connectors	Mode	Rating	Breakout	Part Number
12	ST	Singlemode	OFNP	36 inch	**RLH-12CPSM2-STST-B36-F-1**
12	SC	Singlemode	OFNP	36 inch	**RLH-12CPSM2-SCSC-B36-F-1**
12	LC	Singlemode	OFNP	36 inch	**RLH-12CPSM2-LCLC-B36-F-1**
12	ST	Multimode (OM1)	OFNP	36 inch	**RLH-12CPMM2-STST-B36-F-1**
12	SC	Multimode (OM1)	OFNP	36 inch	**RLH-12CPMM2-SCSC-B36-F-1**
12	LC	Multimode (OM1)	OFNP	36 inch	**RLH-12CPMM2-LCLC-B36-F-1**
12	SC	Multimode (OM3)	OFNP	36 inch	**RLH-12CPMX2-SCSC-B36-F-1**
12	LC	Multimode (OM3)	OFNP	36 inch	**RLH-12CPMX2-LCLC-B36-F-1**
12	SC	Multimode (OM4)	OFNP	36 inch	**RLH-12CPMC2-SCSC-B36-F-1**
12	LC	Multimode (OM4)	OFNP	36 inch	**RLH-12CPMC2-LCLC-B36-F-1**

- *Specify desired length at time of order