FIBER OPTIC CABLE SPECS

Indoor/Outdoor Fiber Optic Cable Assemblies - Plenum Rated (OFNP)

Pre-terminated 6 & 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 Plenum (OFNP) flame 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 OM4 Indoor/Outdoor 12 Fiber Cable Assembly showing LC Connectors and Pull Sheath
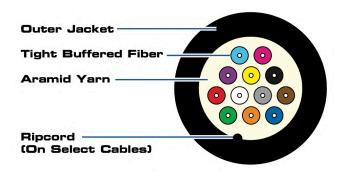
Application

- Plenum (OFNP) Inside and Outside Plant
- Campus LAN
- Building Interconnections
- Mining
- Underground Applications

Features

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

Typical Construction

- Outer Jacket
- Tight Buffered Fiber
- Aramid Yarn
- Ripcord (On Select Cables)

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FIBER OPTIC CABLE SPECS

www.fiberopticlink.com

Specifications - Indoor/Outdoor Plenum (OFNP) Fiber Cable

Fiber Strands 6 and 12 Fiber

Connector Type (Side 1 and 2) LC, SC or ST (depending on cable type)

Operating Temp. -40°C to +70°C

Fiber Type: Singlemode (9/125), Multimode OM1(62.5/125), Multimode OM3 (50/125), Multimode OM4 (50/125)

Bending Radius Install/ 15X O.D., Long Term 10X O.D.

Jacket Rating: Plenum OFNP

Approx. Weight: 6 Fiber: 20 lbs/kft
12 Fiber: 27 lbs/kft

Jacket Type: Indoor/Outdoor

Max. Attenuation: Singlemode (1310/1550nm): 0.5/0.5 dB/km
Multimode OM1 (850/1300nm): 3.5/1.2 dB/km
Multimode OM3 (850/1300nm): 3.0/1.2 dB/km
Multimode OM4 (850/1300nm): 3.0/1.2 dB/km

Breakout Length: 6 Fiber: 18 inches
12 Fiber: 36 inches

Minimum Recommended Conduit Size: 1"

Typical Cable Diameter: 6F: 0.21 in/5.4mm
12F: 0.24 in/6.1mm

Compliance: GR-20-CORE, GR-409-CORE, EIA/TIA 568, ICEA S-104-696, RoHS, REACH

Ordering Information* - 6 Fiber Cable Assemblies

Fibers	Connectors	Mode	Rating	Breakout	Part Number
6	ST	Singlemode	OFNP	18 inch	RLH-06IPSM2-STST-B18-F-1
6	SC	Singlemode	OFNP	18 inch	RLH-06IPSM2-SCSC-B18-F-1
6	LC	Singlemode	OFNP	18 inch	RLH-06IPSM2-LCLC-B18-F-1
6	ST	Multimode (OM1)	OFNP	18 inch	RLH-06IPMM2-STST-B18-F-1
6	SC	Multimode (OM1)	OFNP	18 inch	RLH-06IPMM2-SCSC-B18-F-1
6	LC	Multimode (OM1)	OFNP	18 inch	RLH-06IPMM2-LCLC-B18-F-1
6	SC	Multimode (OM3)	OFNP	18 inch	RLH-06IPMX2-SCSC-B18-F-1
6	LC	Multimode (OM3)	OFNP	18 inch	RLH-06IPMX2-LCLC-B18-F-1
6	SC	Multimode (OM4)	OFNP	18 inch	RLH-06IPMC2-SCSC-B18-F-1
6	LC	Multimode (OM4)	OFNP	18 inch	RLH-06IPMC2-LCLC-B18-F-1

Ordering Information* - 12 Fiber Cable Assemblies

Fibers	Connectors	Mode	Rating	Breakout	Part Number
12	ST	Singlemode	OFNP	36 inch	RLH-12IPSM2-STST-B36-F-1
12	SC	Singlemode	OFNP	36 inch	RLH-12IPSM2-SCSC-B36-F-1
12	LC	Singlemode	OFNP	36 inch	RLH-12IPSM2-LCLC-B36-F-1
12	ST	Multimode (OM1)	OFNP	36 inch	RLH-12IPMM2-STST-B36-F-1
12	SC	Multimode (OM1)	OFNP	36 inch	RLH-12IPMM2-SCSC-B36-F-1
12	LC	Multimode (OM1)	OFNP	36 inch	RLH-12IPMM2-LCLC-B36-F-1
12	SC	Multimode (OM3)	OFNP	36 inch	RLH-12IPMX2-SCSC-B36-F-1
12	LC	Multimode (OM3)	OFNP	36 inch	RLH-12IPMX2-LCLC-B36-F-1
12	SC	Multimode (OM4)	OFNP	36 inch	RLH-12IPMC2-SCSC-B36-F-1
12	LC	Multimode (OM4)	OFNP	36 inch	RLH-12IPMC2-LCLC-B36-F-1

*Specify desired length at time of order

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