

OSP (Outside Plant) Armored Fiber Optic Cable Assemblies

Pre-terminated 6 & 12 Fiber Direct Bury Armored Cable

RLH pre-terminated OSP armored cables are designed for improved mechanical and rodent protection in direct bury applications.

The durable OSP Armor cable design features optical fibers placed inside a gel-filled tube protected by a steel armor. The cable is rated for permanent installation in almost any outdoor environment, and is suitable for underground conduit or can be directly buried, as well as aerial installations lashed to a messenger wire or attached to a tower or outdoor structure.

RLH armored OSP 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 in the field. Each assembly is fully tested and includes a certification test report.



OM3 Armored OSP Fiber Cable Assembly showing LC Connectors and Pull Sheath

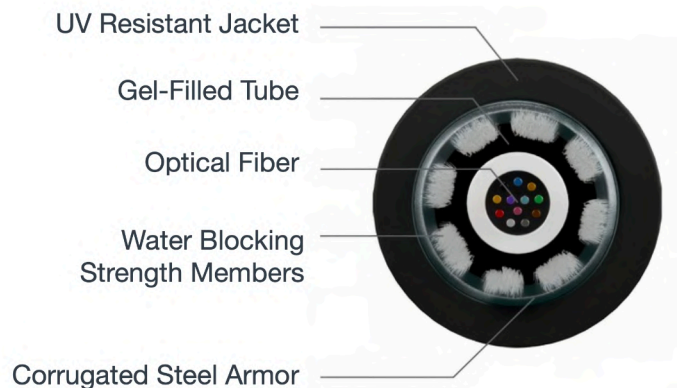
Applications

- Direct Bury
- Trunk, distribution, feed cable
- Local loop, metro, long-haul and broadband network

Features

- Factory terminated and certified
- Pre-installed pulling sheath
- Corrugated steel armor
- High compression strength
- UV and abrasion resistant jacket
- Superior rodent protection
- Fast deployment in the field

Typical Construction



DATA SHEET

www.fiberopticlinc.com

Specifications

Fiber Strands	6 or 12 Fiber
Connector Type (Side 1 and 2)	LC, SC or ST (depending on cable type)
Cable Mode Type	Singlemode, Multimode OM1, Multimode OM3
Jacket Rating	Outdoor, Direct Burial
Jacket Type	OSP Armored
Breakout Length	6 Fiber: 18 inches 12 Fiber: 36 inches
Cable Diameter	0.36" +/- 0.05"
Maximum Attenuation	0.5dB/km
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Bending Radius	Install/ 20X O.D., Long Term 10X O.D.
Approximate Weight	62 lbs/kft
Minimum Recommended Conduit Size	1"
Compliance	GR326, IEC 61300-3-35, RoHS

Ordering Information - 6 Fiber

Fiber Count	Fiber Type	Connector	Part Number
6	Singlemode	ST	RLH-06CDSM2-STST-B18-F-1
6	Singlemode	SC	RLH-06CDSM2-SCSC-B18-F-1
6	Singlemode	LC	RLH-06CDSM2-LCLC-B18-F-1
6	Multimode (OM1)	ST	RLH-06CDMM2-STST-B18-F-1
6	Multimode (OM1)	LC	RLH-06CDMM2-LCLC-B18-F-1
6	Multimode (OM3)	SC	RLH-06CDMX2-SCSC-B18-F-1
6	Multimode (OM3)	LC	RLH-06CDMX2-LCLC-B18-F-1

- Specify desired cable length when ordering

DATA SHEET

Ordering Information - 12 Fiber

Fiber Count	Fiber Type	Connector	Part Number
12	Singlemode	ST	RLH-12CDSM2-STST-B36-F-1
12	Singlemode	SC	RLH-12CDSM2-SCSC-B36-F-1
12	Singlemode	LC	RLH-12CDSM2-LCLC-B36-F-1
12	Multimode (OM1)	ST	RLH-12CDMM2-STST-B36-F-1
12	Multimode (OM1)	LC	RLH-12CDMM2-LCLC-B36-F-1
12	Multimode (OM3)	SC	RLH-12CDMX2-SCSC-B36-F-1
12	Multimode (OM3)	LC	RLH-12CDMX2-LCLC-B36-F-1

- Specify desired cable length when ordering

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