

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.

Application

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

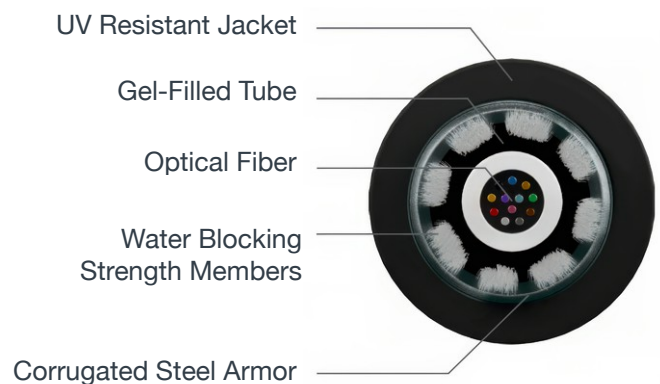
Features

- 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



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

Typical Construction



DATA SHEET

www.fiberopticlink.com

SPECIFICATIONS

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

ORDERING INFORMATION

Fiber Count	Fiber Type	Connector	Part Number*
6	Single Mode	ST	RLH-06CDSM2-STST-B36-F-1
6	Single Mode	SC	RLH-06CDSM2-SCSC-B36-F-1
6	Single Mode	LC	RLH-06CDSM2-LCLC-B36-F-1
6	MultiMode OM1	ST	RLH-06CDMM2-STST-B36-F-1
6	MultiMode OM1	LC	RLH-06CDMM2-LCLC-B36-F-1
6	MultiMode OM3	SC	RLH-06CDMX2-SCSC-B36-F-1
6	MultiMode OM3	LC	RLH-06CDMX2-LCLC-B36-F-1
12	Single Mode	ST	RLH-12CDSM2-STST-B36-F-1
12	Single Mode	SC	RLH-12CDSM2-SCSC-B36-F-1
12	Single Mode	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