



## Armored Fiber Optic Cable Assemblies

### Pre-Terminated 6 Fiber Indoor/Outdoor Armored Cable

RLH Armored factory terminated fiber cable assemblies are a perfect balance for ruggedness and flexibility. The indoor/outdoor design allows for outdoor installations, but also complies with fire safety standards for indoor use.

RLH indoor/outdoor armored cable consists of a PVC overall jacket, PVC inner jacket with a standard indoor/outdoor core cable. The core cable is protected by a spirally-wrapped, interlocked, aluminum armor that offers easy installation and high crush resistance.

RLH armored 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.



Armored Fiber Cable Assembly with ST Connectors and Pull Sheath

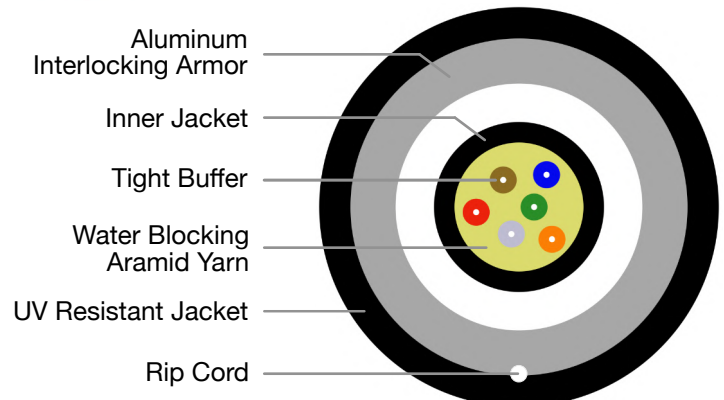
### Application

- Plenum (OFNP) Inside and Outside Plant
- Building Interconnections (Campus LAN)
- Local loop, metro, long-haul and broadband network

### Features

- Factory terminated and certified
- Pre-installed pulling sheath
- High compression strength
- UV and abrasion resistant jacket
- Fast deployment in the field

### Typical Construction





## General Specifications

|   |   |                                  |
|---|---|----------------------------------|
| <b>Fiber Strands</b>                    | 6 Fiber   |                                  |
| <b>Connector Type (Side 1 and 2)</b>    | LC, SC or ST  |                                  |
| <b>Fiber Type</b>                       | Singlemode, Multimode OM1, Multimode OM3, Multimode OM4 |                                  |
| <b>Jacket Rating</b>                    | Plenum (OFCP)   |                                  |
| <b>Jacket Type</b>                      | Armored Indoor/Outdoor                                  |                                  |
| <b>Breakout Length</b>                  | 18 Inches   |                                  |
| <b>Cable Diameter</b>                   | 0.51" +/- 0.05"   |                                  |
| <b>Maximum Attenuation</b>              | Singlemode:   | 0.5/0.4dB/km (1310/1550nm)       |
|   | Multimode (OM1):  | 3.5/1.5dB/km (850/1300nm)        |
|   | Multimode (OM3/OM4):                                    | 3.0/1.0dB/km (850/1300nm)        |
| <b>Operating Temperature</b>            | Outdoor:  | -40°C to +70°C (-40°F to +158°F) |
| <b>Bending Radius</b>                   | Install:  | 20X O.D.                         |
|   | Long Term:  | 15X O.D.                         |
| <b>Approximate Weight</b>               | 169 lbs/kft   |                                  |
| <b>Minimum Recommended Conduit Size</b> | 1   |                                  |
| <b>Compliance</b>                       | GR326, IEC 61300-3-35, RoHS                             |                                  |

## Ordering Information

| Fiber Count | Fiber Type      | Connector | Part Number                   |
|-------------|-----------------|-----------|-------------------------------|
| 6           | Singlemode      | ST        | <b>RLH-06QDSM2-STST-B18-1</b> |
| 6           | Singlemode      | SC        | <b>RLH-06QDSM2-SCSC-B18-1</b> |
| 6           | Singlemode      | LC        | <b>RLH-06QDSM2-LCLC-B18-1</b> |
| 6           | Multimode (OM1) | ST        | <b>RLH-06QDMM2-STST-B18-1</b> |
| 6           | Multimode (OM1) | SC        | <b>RLH-06QDMM2-SCSC-B18-1</b> |
| 6           | Multimode (OM1) | LC        | <b>RLH-06QDMM2-LCLC-B18-1</b> |
| 6           | Multimode (OM3) | SC        | <b>RLH-06QDMX2-SCSC-B18-1</b> |
| 6           | Multimode (OM3) | LC        | <b>RLH-06QDMX2-LCLC-B18-1</b> |
| 6           | Multimode (OM4) | SC        | <b>RLH-06QDMC2-SCSC-B18-1</b> |
| 6           | Multimode (OM4) | LC        | <b>RLH-06QDMC2-LCLC-B18-1</b> |

- For additional connector types or customization requests, please contact RLH Sales



## Contact

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|                      |                         |              |
|----------------------|-------------------------|--------------|
| <b>By Mail</b>       | ATTN: Sales             |              |
|                      | RLH Industries, Inc.    |              |
|                      | 936 N. Main Street      |              |
|                      | Orange, CA 92867        |              |
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| <b>Sales/Service</b> | <b>Toll Free</b>        | 800-877-1672 |
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## Support

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|------------------|----------------------------|
| <b>By email:</b> | support@fiberopticlink.com |
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