Multi-Fiber Cable Assemblies

Multi-fiber cable assemblies provide safe and cost effective installation for many applications. These assemblies help eliminate labor-intensive field termination, yet guarantee reliable performance. Featuring a unified construction for easy fiber identification and rapid installation, these assemblies are built to exceed all TIA and Telcordia® requirements.

**Features**
- 4-144 fibers with aramid yarn reinforcement for rugged protection
- Available with 900 µm tight buffered fibers or sub-unitized design with 12 250 µm fibers per tube
- Highly flexible for ease of routing
- RoHS compliant—Riser, Plenum and LSZH rated cables available
- Pre-installed pulling eye kits available on certain products
- Cable tested to meet or exceed EIA/TIA 568-A/GR-409-CORE
- Telcordia GR-326 compliant connectors

**Applications**
- Headend termination to a fiber "backbone"
- Termination of fiber rack systems
- Multi-floor deployment where select fibers are used at each floor
- Intrabuilding "backbones"
- Data center systems

**Specifications**

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>SINGLE-MODE ASSEMBLIES</th>
<th>MULTIMODE ASSEMBLIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LC</td>
<td>SC</td>
</tr>
<tr>
<td>Insertion Loss (Typical dB)**</td>
<td>0.15</td>
<td>0.15</td>
</tr>
<tr>
<td>Insertion Loss (Maximum dB)</td>
<td>0.3</td>
<td>0.3</td>
</tr>
<tr>
<td>Return Loss (Typical dB)**</td>
<td>-60</td>
<td>-70</td>
</tr>
<tr>
<td>Return Loss (Minimum dB)</td>
<td>-55</td>
<td>-65</td>
</tr>
</tbody>
</table>
| Temperature Range (°C) | -40 to +85

**NOTES:**
1. Refer to Connector Specifications page.
2. Duplex SC and LC available

**Ordering Information**

- **ASC**
  - Connector End A
    - Single-mode: ASC = Angle SC
    - Multimode: PSC = SC MM
  - Connector End B
    - Single-mode: ASC = Angle SC
    - Multimode: PSC = SC MM
  - Cable Type
    - RC = Riser (CPC)
    - PLC = Plenum MicroCore®
  - Fiber Count
    - RR = 4, 6, 12, 24, 36, 48, 72, 96, 144, 144
  - Fiber Type
    - Q = Single-mode ITU-T G.652D
    - X = Single-mode ITU-T G.657A BIF
    - 2 = Multimode 62.5/125 µm OM1
    - R = Multimode 50/125 µm OM2
    - L = Multimode 50/125 µm OM3
    - C = Multimode 50/125 µm OM4
  - Cable Length (meters)
    - XXXX (specify length)
    - 0010 = 10 meters

**NOTES:**
- **ASC**
- **RC**
- **012**
- **Q**
- **0010**
- **NN**

**Connector End A**

- Single-mode: ASC = Angle SC
- Multimode: PSC = SC MM

**Connector End B**

- Single-mode: ASC = Angle SC
- Multimode: PSC = SC MM

**Cable Type**

- RC = Riser (CPC)
- PLC = Plenum MicroCore®

**Fiber Count**

- RR = 4, 6, 12, 24, 36, 48, 72, 96, 144, 144

**Fiber Type**

- Q = Single-mode ITU-T G.652D
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**Cable Length (meters)**

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