Features and Benefits

- Precision Preradiused Zirconia Ferrules
- Standard or Custom Configurations
- Multimode and Singlemode Options
- Low Back Reflection

Standards

<table>
<thead>
<tr>
<th>Standards</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoHS</td>
<td>Free of hazardous substances according to RoHS2011/65/EU</td>
</tr>
<tr>
<td>Design and Test Criteria</td>
<td>Comply with EIA/TIA-455 and -604.</td>
</tr>
<tr>
<td></td>
<td>Qualified to Telcordia GR-326-CORE</td>
</tr>
</tbody>
</table>

Corning provides an extensive line of high-performance fiber cable assemblies. The 750 series of assembly products offer state of the art performance with superior repeatability. All Corning assemblies are fully intermateable with any standard coupling adapter products, and deliver high stability under a range of application conditions. The 750 series utilize only tightly tolerated preradiused Zirconia ferrule connectors to ensure consistent low loss and increased ease of use. Corning cable assemblies are available in a wide variety of configurations with all our premium connector choices. Corning offers both multimode and singlemode grade products.
### Specifications

<table>
<thead>
<tr>
<th></th>
<th><strong>Multimode</strong></th>
<th><strong>Singlemode</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Insertion Loss</strong></td>
<td>&lt; 0.3 dB Typical</td>
<td>&lt; 0.2 dB Typical (PC Type)</td>
</tr>
<tr>
<td></td>
<td>0.5 dB Maximum</td>
<td>&lt; 0.25 dB Typical (APC Type)</td>
</tr>
<tr>
<td></td>
<td>&lt; 0.6 dB (MT-RJ)</td>
<td>0.5 dB Maximum</td>
</tr>
<tr>
<td><strong>Back Reflection</strong></td>
<td>- 25 dB Typical</td>
<td>- 35 dB PC Polish</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 45 dB Super PC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 55 dB Ultra PC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 65 dB APC</td>
</tr>
<tr>
<td><strong>Connector Repeatability</strong></td>
<td>- 65 dB APC</td>
<td>DIL &lt; 0.1 dB</td>
</tr>
<tr>
<td><strong>Operating Environment</strong></td>
<td>-40°C to +75°C</td>
<td>-40°C to +75°C</td>
</tr>
<tr>
<td><strong>Temperature Cycling</strong></td>
<td>DIL &lt; 0.1 dB</td>
<td>DIL &lt; 0.1 dB</td>
</tr>
<tr>
<td></td>
<td>DRL &lt; 5 dB</td>
<td>DRL &lt; 5 dB</td>
</tr>
<tr>
<td><strong>Vibration Loss Change</strong></td>
<td>DIL &lt; 0.1 dB</td>
<td>DIL &lt; 0.1 dB</td>
</tr>
<tr>
<td></td>
<td>DRL &lt; 5 dB</td>
<td>DRL &lt; 5 dB</td>
</tr>
<tr>
<td><strong>Cable Retention Loss Change</strong></td>
<td>DIL &lt; 0.1 dB</td>
<td>DIL &lt; 0.1 dB</td>
</tr>
<tr>
<td></td>
<td>DRL &lt; 5 dB</td>
<td>DRL &lt; 5 dB</td>
</tr>
</tbody>
</table>
Ordering Information

Fiber Optic Cable Assemblies

7 5 0 - [ ] [ ] [ ] [ ] [ ]

1 Select Connector End #1
D: FC Fixed Key
G: LC Duplex Slimpack
J: LC/PC Duplex Connector
L: LC/PC Connector
M: MT-RJ Connector (w/o Pin)¹
N: MT-RJ Connector (w/ Pin)¹
P: FC/PC Connector
Q: FC/APC Connector
R: SC/PC Duplex Connector
S: SC/PC Connector
T: SC/APC Connector
U: MU/PC Connector

2 Select Connector End #2
Same codes as End #1

3 Select Cable Code
01 = SM 3.0mm Jacketed
02 = SM 900mm Buffer
03 = 50/125 Simplex 3.0mm
04 = 50/125 Duplex 3.0mm Zip
05 = 100/140 Simplex 3.0mm
06 = 100/140 Duplex 3.0mm Zip
07 = 62.5/125 Simplex 3.0mm
08 = 62.5/125 Duplex 3.0mm Zip
09 = 50/125 3.0 Round Cable (MTRJ Only)
10 = 62.5/125 3.0mm Round Cable (MTRJ Only)
11 = SM Duplex 3.0mm Zip
12 = SM Duplex 1.6mm Zip
13 = 50/125 Duplex 1.6mm Zip
14 = 62.5 Duplex 1.6mm Zip
15 = SM 1.6mm Jacketed
16 = SM 2.0mm Jacketed
17 = 50/125 Simplex, 1.6 mm
18 = 62.5/125 Simplex, 1.6mm
19 = 50/125 Simplex, 2mm
20 = 62.5/125 Simplex, 2mm
21 = 50/125 Simplex 900mm Buffer
22 = 100/140 Simplex 900mm Buffer
23 = 62.5/125 Simplex 900mm Buffer
24 = SM 2.4mm Round Cable (LC Slimpack Only)
25 = 62.5/125 2.4mm Round Cable (LC Slimpack Only)
26 = 50/125 2.4mm RoundCable (LC Slimpack Only)

4 Select Polishing Type Code
0 = MM or SM PC
S = Super PC
U = UUltra PC
V = GR326U: MU/PC

5 Select Cable Length in Meter
All length in inch or foot must be converted into meters.

¹Available for MM only.

These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Please contact OEM sales at +1-408-736-6900 or oemsales@corning.com and visit www.corning.com/opcomm/oem for sales support.