

# Fiber Optic Cable Assemblies

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## Features and Benefits

Precision Preradiused Zirconia Ferrules

Standard or Custom Configurations

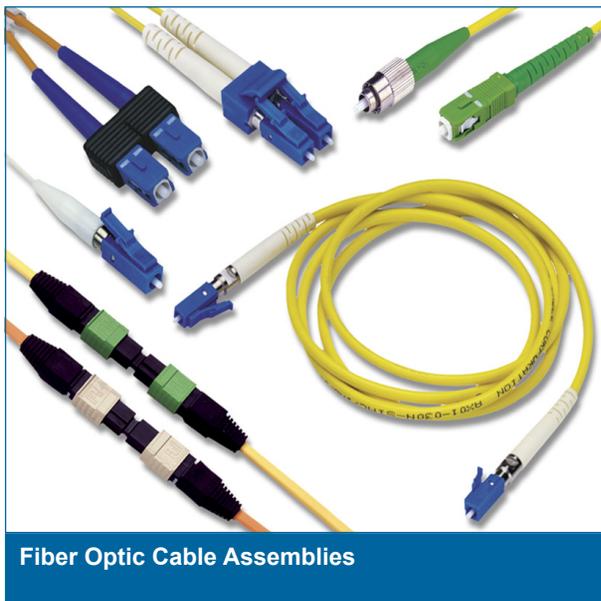
Multimode and Singlemode Options

Low Back Reflection

## Standards

RoHS	Free of hazardous substances according to RoHS2011/65/EU
Design and Test Criteria	Comply with EIA/TIA-455 and -604. Qualified to Telcordia GR-326-CORE

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 toleranced 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.



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## Specifications

	Multimode	Singlemode
Insertion Loss	< 0.3 dB Typical 0.5 dB Maximum < 0.6 dB (MT-RJ)	< 0.2 dB Typical (PC Type) < 0.25 dB Typical (APC Type) 0.5 dB Maximum
Back Reflection	- 25 dB Typical	- 35 dB PC Polish - 45 dB Super PC - 55 dB Ultra PC - 65 dB APC
Connector Repeatability	- 65 dB APC	DIL < 0.1 dB
Operating Environment	- 40°C to +75°C	-40°C to +75°C
Temperature Cycling	DIL < 0.1 dB DRL < 5 dB	DIL < 0.1 dB DRL < 5 dB
Vibration Loss Change	DIL < 0.1 dB DRL < 5 dB	DIL < 0.1 dB DRL < 5 dB
Cable Retention Loss Change	DIL < 0.1 dB DRL < 5 dB	DIL < 0.1 dB DRL < 5 dB

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## Ordering Information

### Fiber Optic Cable Assemblies

7 5 0 -

**1** **2** **3** **4** **5**

#### 1 Select Connector End #1

D: FC Fixed Key  
G: LC Duplex Slimpack  
J: LC/PC Duplex Connector  
K: LC/APC Connector  
L: LC/PC Connector  
M: MT-RJ Connector (w/o Pin)<sup>1</sup>  
N: MT-RJ Connector (w/ Pin)<sup>1</sup>  
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  
23 = 50/125 Simplex 900mm Buffer  
25 = 100/140 Simplex 900mm Buffer  
27 = 62.5/125 Simplex 900mm Buffer  
28 = SM 2.4mm Round Cable (LC Slimpack Only)  
29 = 62.5/125 2.4mm Round Cable (LC Slimpack Only)  
30 = 50/125 2.4mm Round Cable (LC Slimpack Only)

#### 4 Select

##### Polishing Type Code

O = MM or SM PC  
S = Super PC  
U = Ultra PC  
V = GR326U: MU/PC

#### 5 Select Cable Length in Meter

All length in inch or foot must be converted into meters.

<sup>1</sup> Available 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](mailto:oemsales@corning.com) and visit [www.corning.com/opcomm/oem](http://www.corning.com/opcomm/oem) for sales support.**



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