

# Polarization Maintaining (PM) Cable Assemblies

CORNING

## Features and Benefits

Low Insertion Loss

High Extinction Ratio

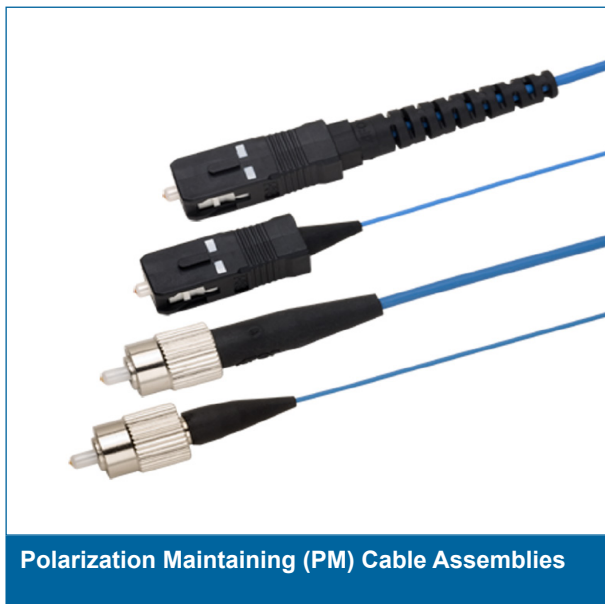
High Stability and Reliability

## Standards

**RoHS** Free of hazardous substances according to RoHS2011/65/EU

**Design and Test Criteria** Qualified to Telcordia GR-326-CORE

Corning's 762 Series of Polarization Maintaining (PM) cable assemblies offer superior performance and long term reliability. They are fully intermateable with any standard coupling adapter products while delivering high stability over a range of application conditions. State-of-the-art processes allow us to achieve low Insertion Loss (IL) and high Extinction Ratio (ER). These cable assemblies incorporate the widely used PANDA-style fiber in 900µm, 2 mm, or 3 mm jackets. They are available in both FC and SC terminations with either UPC or APC polish. Our OEM-friendly packaging provides the flexibility to meet the broadest design requirements.



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## Specifications

Parameters	Specifications	
Connector Type	FC/UPC, SC/UPC	FC/APC, SC/APC
Typical Insertion Loss	0.3dB	0.4dB
Minimum Return Loss	50dB	60dB
Key Orientation	Slow Axis	
Axis Alignment	±3 degrees	
Wavelength	1550nm	
Maximum Insertion Loss	0.5dB	
Minimum Extinction Ratio	23dB (25dB Typical)	
Optical Power Handling	300mW	
Fiber Type	PM PANDA Fiber	
Fiber Length Tolerance	±5cm	
Operating Temperature	-5 to +70°C	
Storage Temperature	-40 to +85°C	

## Ordering Information

### Polarization Maintaining Cable Assemblies / 762 Sseries

7 6 2 -     -

1
2
3
4
5

**1 Select Connector End #1**

P: FC/UPC  
Q: FC/APC  
S: SC/UPC  
T: SC/APC

**2 Select Connector End #2**

Same codes as End #1  
0: None

**3 Select Cable Code**

1 = SM 3.0 mm Jacketed  
02 = SM 900 mm Buffer  
16 = SM 2.0 mm Jacketed

**4 Select Wavelength**

1 = 1550 nm

**5 Select Cable Length in Meter**

The last digit is decimal.  
All length in inch or foot must be converted into meters.

Example:  
0010 = 1.0 m  
0015 = 1.5 m

**These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Please contact OEM sales at +1-408-736-6900 or [oesales@corning.com](mailto:oesales@corning.com) and visit [www.corning.com/opcomm/oem](http://www.corning.com/opcomm/oem) for sales support.**



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