### **MU Connectors and Adapters**

### CORNING

#### **Features and Benefits**

High Density Package	
High Optical Performance	
Push-pull Type Operation	
Small Size and Light Weight	
Tunable Zirconia Connector Ferrule	
NTT-Compatible	

#### Standards

RoHS	Free of hazardous substances according to RoHS2011/65/EU
Design and Test Criteria	Product is qualified to Telcordia GR-326-CORE

Corning's 727 series MU connectors deliver superior performance and high repeatability in a small form factor. Our MU connectors feature impact resistant, nonflammable polymer, push-pull type operation, scalable high-density package, small size, and light weight. Connectors are available in either 2 mm or 900 µm boot types. MU adapters feature the same quality and reliability found in the SC adapter, plus all the benefits of a small form factor interface. MU adapters are available with either zirconia or metal sleeves in simplex or vertical duplex configurations.



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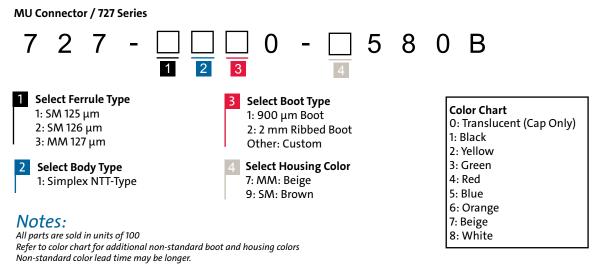
#### Specifications – MU Connector / 727 Series

Parameters	Multimode	Single-mode
Insertion Loss	0.2 dB Typical 0.3 dB Maximum	0.15 dB Typical 0.25 dB Maximum
Back Reflection	-25 dB Typical	-35 dB PC Polish -45 dB Super PC -55 dB Ultra PC
Connector Durability	500 N	Natings
Connector Repeatability	∆IL < 0.2 dB	∆IL < 0.1 dB
Temperature Cycling	ΔIL <	0.2 dB
Vibration	ΔIL <	0.2 dB
Cable Retention	> 1	15 lb
Operating Environment	-40°C 1	to +85°C

#### Specifications – MU Adapter / 740 Series

Parameters	Phosphor/Bronze	Zirconia
Connector Durability	500 Matings	500 Matings
Connector Repeatability	∆IL < 0.2 dB	∆IL< 0.1 dB
Insertion Loss	< 0.3 dB	< 0.2 dB
Operating Temperature	-40°C to +85°C	-40°C to +85°C

#### Ordering Information – MU Connector / 727 Series



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.



### **MU Connectors and Adapters**

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#### Ordering Information – MU Adapter / 740 Series

740-0019-007-B	MU-A Simplex, Metal Sleeve Adapter
740-0029-007-В	MU-A Simplex, Zirconia Sleeve Adapter
740-0039-007-В	MU-2A Vertical Duplex, Metal Sleeve Adapter
740-0049-007-В	MU-2A Vertical Duplex, Zirconia Sleeve Adapter

#### Notes:

All parts are sold in units of 100 Refer to color chart for additional non-standard boot and housing colors Non-standard color lead time may be longer.

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