ST Connectors and Adapters

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Features and Benefits

Metal Body Constructions
Single-mode and Multimode Versions
2 mm, 3 mm, and 900 μm Boot Options in Various Colors
Precision Preradiused Zirconia Ferrules

Standards

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

Corning's 720 series ST fiber connectors and adapters offer superior performance and high repeatability. These products are fully intermateable with all standard ST products and deliver very high stability under a wide range of applications and conditions. The 720 series utilizes tightly toleranced preradiused Zirconia ferrules to ensure consistent low loss and easy assembly. Corning also provides a family of ST fiber coupling adapters to support the ST connectors. These adapters utilize high-tolerance sleeves to ensure consistent low loss and exceptional stability.



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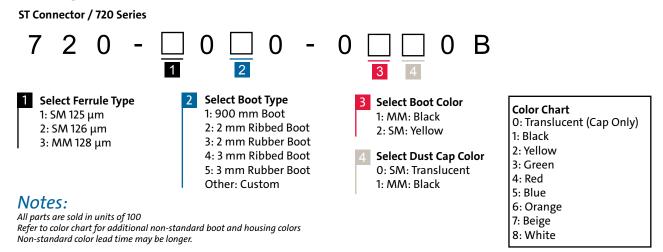
Specifications – ST Connector / 720 Series

Parameters	Multimode	Single-mode
Insertion Loss	0.2 dB Typical 0.3 dB Maximum	0.2 dB Typical 0.3 dB Maximum
Back Reflection	-25 dB Typical	-35 dB PC Polish -45 dB Super PC -55 dB Ultra PC
Connector Durability	500 Matings	
Connector Repeatability	∆IL < 0.2 dB	∆IL < 0.1 dB
Temperature Cycling	∆IL < 0.2 dB / ∆RL < 5 db	
Vibration	ΔIL < 0.2 dB / ΔRL < 5 db	
Cable Retention	> 15 lb	
Operating Environment	-40°C to +85°C	

Specifications – ST Adapter / 740 Series

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

Ordering Information – ST Connector / 720 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.



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Ordering Information – SC Adapter / 740 Series

Parts Number**	Description
740-0011-001-ST	Threaded, Metal Sleeve
740-0011-N01-ST	Threaded, Metal Sleeve, Generic
740-0041-001-ST	Threaded, Ceramic Sleeve
740-0085-001-ST	Duplex, Plastic Housing, Ceramic Sleeve, Blue Body
740-0097-001-ST	SDuplex, Plastic Housing, Metal Sleeve, Beige Body

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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