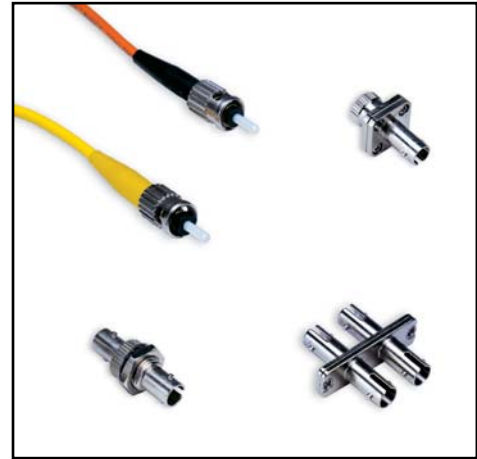


ST Connectors & Adapters

720 series ST fiber connectors and adapters offer superior performance and high repeatability. These products are fully intermatable with all standard ST products and deliver very high stability under a wide range of applications and conditions. The 720 series utilizes tightly toleranced pre-radiused Zirconia ferrules to ensure consistent low loss and easy assembly. AFOP 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. AFOP offers a wide range of hybrid adapter styles to fit most applications.



APPLICATIONS

- Local Area Networks
- Telecommunication Networks
- Point to Point Systems
- Wide Area Networks
- Test Instruments

FEATURES

- Metal Body Constructions
- Singlemode and Multimode Versions
- 2 mm, 3 mm and 900 μm Boot Options in Various Color
- Telcordia GR-326 Compliant
- Precision Preradiused Zirconia

SPECIFICATIONS - ST CONNECTOR / 720 SERIES

Parameters	Multimode	Singlemode
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
Connection Durability	500 Matings	500 Matings
Connector Repeatability	ΔIL < 0.2 dB	ΔIL < 0.1 dB
Operating Environment	- 40°C to + 85°C	- 40°C to + 85°C
Temperature Cycling	ΔIL < 0.2 dB/ΔRL < 5 dB	ΔIL < 0.2 dB/ΔRL < 5 dB
Vibration	ΔIL < 0.2 dB/ΔRL < 5 dB	ΔIL < 0.2 dB/ΔRL < 5 dB
Cable Retention	> 15 Lbs.	> 15 Lbs.

SPECIFICATIONS - ST ADAPTER / 740 SERIES

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

ORDERING INFORMATION - ST CONNECTOR / 720 SERIES

720	-	N	0	N	0	-	0	N	N	0	B
		↓		↓				↓	↓		
		Ferrule Type		Boot Type				Boot Color	Dust Cap Color		Color Chart
		1: SM 125 μm 2: SM 126 μm 3: MM 128 μm		1: 900 μm Boot 2: 2 mm Ribbed Boot 3: 2 mm Rubber Boot 4: 3 mm Ribbed Boot 5: 3 mm Rubber Boot Other: Custom				1: MM: Black 2: SM: Yellow	0: SM: Translucent 1: MM: Black		0: Translucent (Cap Only) 1. Black 2. Yellow 3. Green 4. Red 5. Blue 6. Orange 7. Beige 8. White

ORDERING INFORMATION - ST ADAPTER / 740 SERIES

- 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, Duplex, 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 take longer