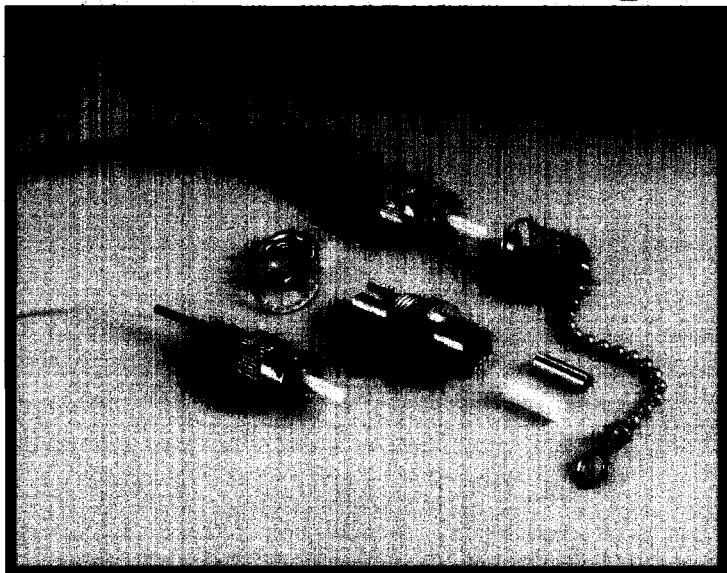


Amphenol®

953 Series ST II® Compatible Connectors & Adapters



Applications

- ◆ Local Area Networks
- ◆ Premise Distribution
- ◆ Computer Peripheral Interconnections
- ◆ Telecommunication Networks
- ◆ Test and Instrumentation

The 953 series single mode and multimode connectors and adapters are precision ST II compatible interfaces manufactured to exceed industry performance specifications.

Features:

- The connector body and coupling nut are precision zinc die cast and nickel plated for superior strength and corrosion resistance. The enclosed spiral slotted coupling nut allows for easy mating in densely packed patch panels.
- The highly concentric precision zirconia ceramic ferrules are pre-radiused to minimize insertion loss and back reflection.
- All connectors are supplied with a 3mm diameter bend relief boot and a 900 μm bare fiber bend relief boot.
- The connectors utilize a crimp-on cable retention system for ease of termination and superior load carrying ability.
- Nickel plated zinc die cast ST adapters are available with either a high precision zirconia ceramic or a multimode phosphor bronze alignment sleeve for superior insertion loss performance.
- The 953 series connector can be field installed using the Amphenol Universal Termination Procedure (UTP) in five to seven minutes.

Specifications

Connection Loss:

- 9/125 μm fiber 0.19dB typical
- 62.5/125 μm fiber 0.13dB typical
- 50/125 μm fiber 0.14dB typical
- 100/140 μm fiber 0.10dB typical

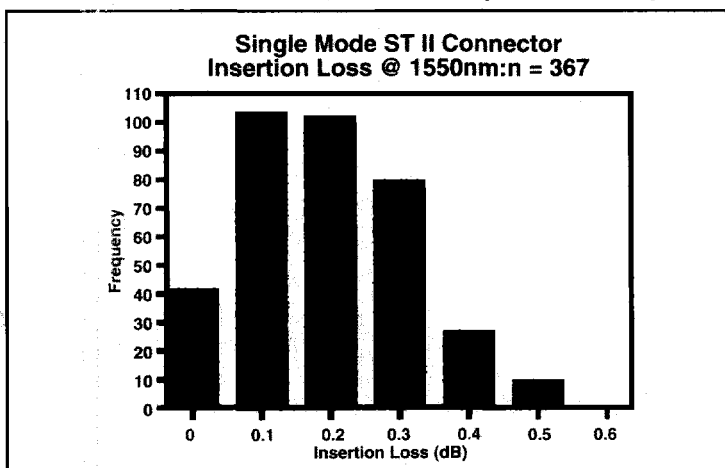
Durability: $\leq 0.10\text{dB}$ change after 1000 mating cycles

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

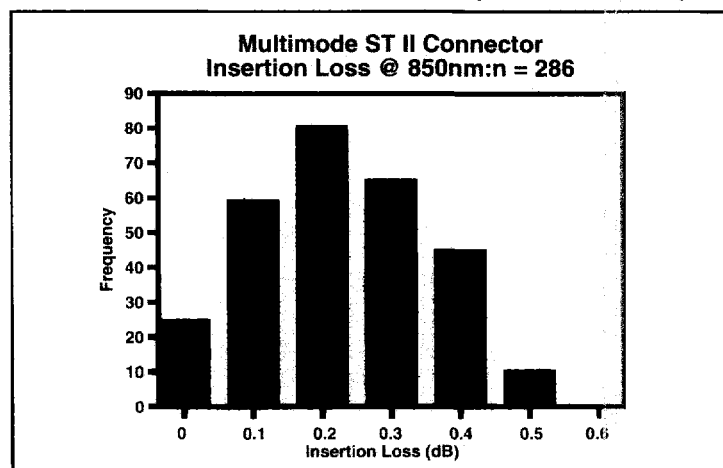
Intermateability:

Amphenol ST II compatible connectors and adapters are optically and mechanically compatible with AT&T ST, ST II connectors and their functional equivalents.

ST Connector 953-101-5306 (9/125 Fiber)

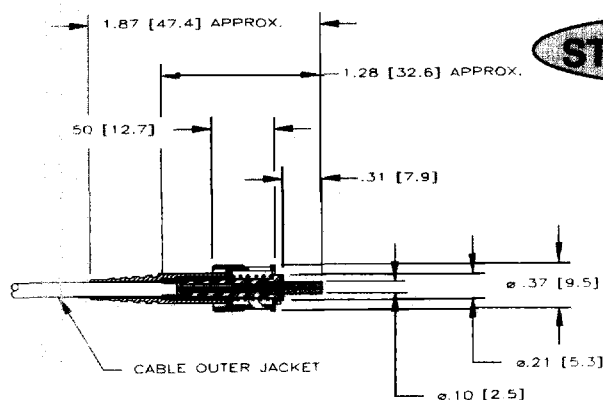


ST Connector 953-101-5310 (62.5/125 fiber)

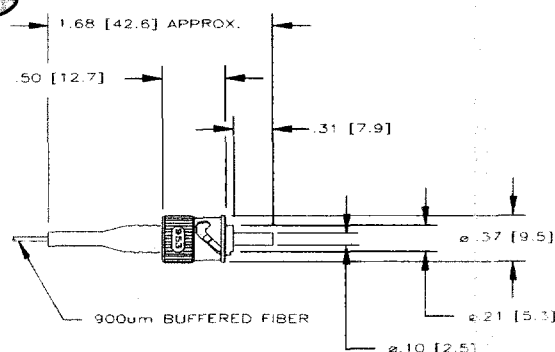


Order Information

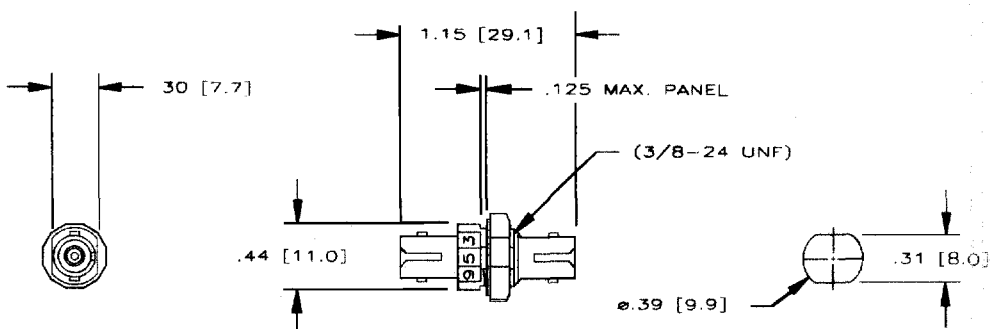
Part Number	Description	Single Mode/Multimode
953-101-5305	ST Connector, Single Mode, 125 μm, Zirconia PC Ferrule, Die Cast	sm
953-101-5306	ST Connector, Single Mode, 126 μm, Zirconia PC Ferrule, Die Cast	sm
953-101-5307	ST Connector, Single Mode 127 μm, Zirconia PC Ferrule, Die Cast	sm
953-101-5308	ST Connector, Single Mode 128 μm, Zirconia PC Ferrule, Die Cast	sm
953-101-5310	ST Connector, Multimode 128 μm, Zirconia PC Ferrule, Die Cast	mm
953-101-5311	ST Connector, Multimode 144 μm, Zirconia PC Ferrule, Die Cast	mm
953-120-5003	ST Adapter, Die Cast, Phosphor Bronze Alignment Sleeve	mm
953-122-5003	ST Adapter, Die Cast, Zirconia Ceramic Alignment Sleeve	sm/mm
953-1061	ST Dust Cap and Chain	
927-100-5041	ST Designer's Kit	



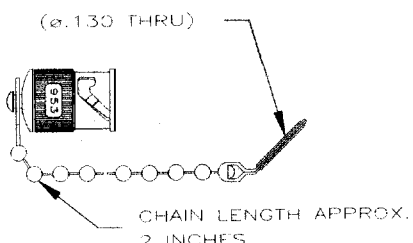
ST II Connector



ST II Adapter



ST II Dust Cap



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