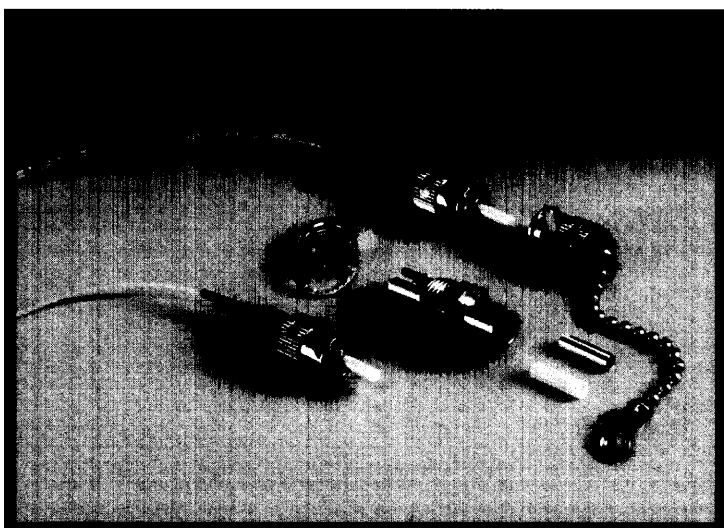


Amphenol®

953 Series FiberGrip™ Connector (Mechanical Non-Adhesive Connector)



The Amphenol FiberGrip connector allows fiber termination anytime, anywhere, without the use of epoxy, glue or adhesives. The connector's unique collet retention mechanism provides reliable, high performance terminations in less than 5 minutes.

Features

- ❑ No glue, epoxy or adhesives used
- ❑ No ovens, syringes, or curing lamps required
- ❑ No electrical power required for termination
- ❑ High fiber retention force for reliability and durability
- ❑ Connector can be field installed in less than 5 minutes
- ❑ The highly concentric precision Zirconia ceramic ferrules are pre-radiused to minimize insertion loss and back reflection
- ❑ All connectors are supplied with a 3 mm diameter bend relief boot and a 900 μm bare fiber bend relief boot
- ❑ Multi-mode ST configuration

Specifications

Connector Loss: < .25 dB typical

Durability: < 0.22 dB change after 500 matings

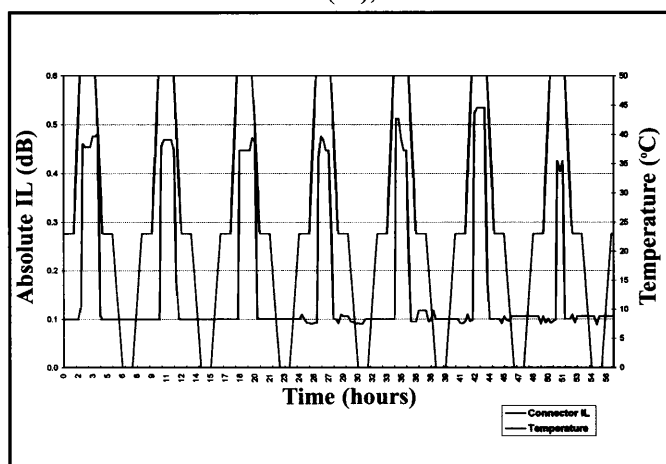
Operating Temperature: 0° to +50°C

Storage Temperature: -40°C to +85°C

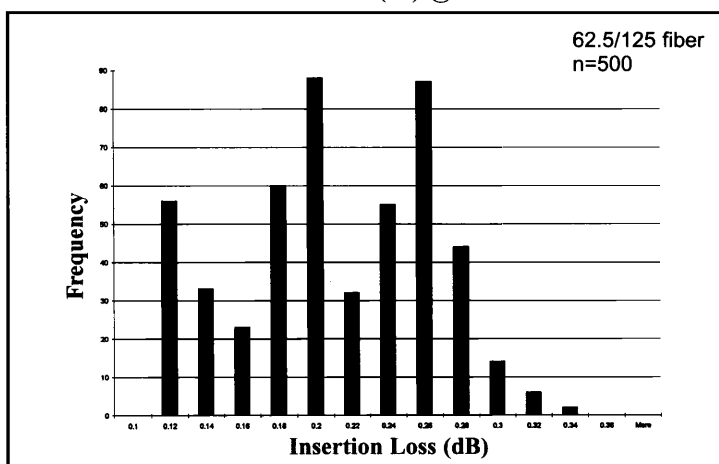
Thermal Stability: IL change .38 dB typical, .50 dB Max.

Intermateability: Compatible with AT&T ST, STII, and functional equivalents

Thermal Stability
Insertion Loss (IL), 0° to 50° C



Durability (Mate/Demate)
Insertion Loss (IL) @850 nm

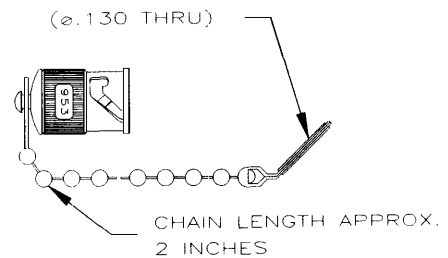
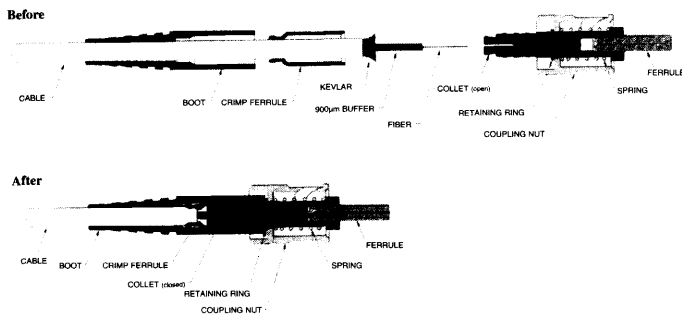
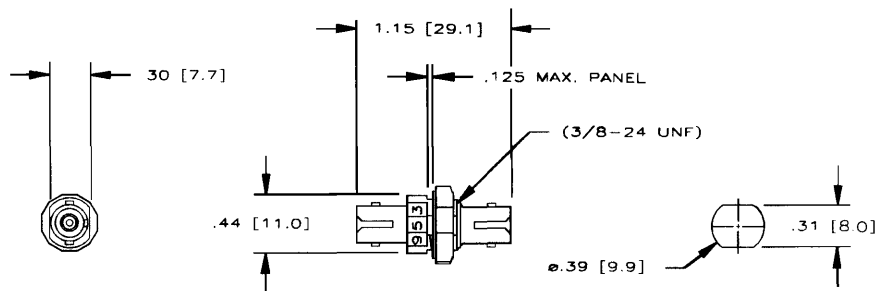
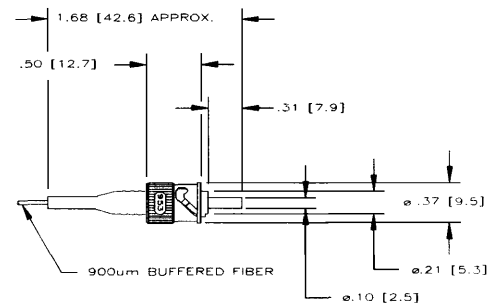
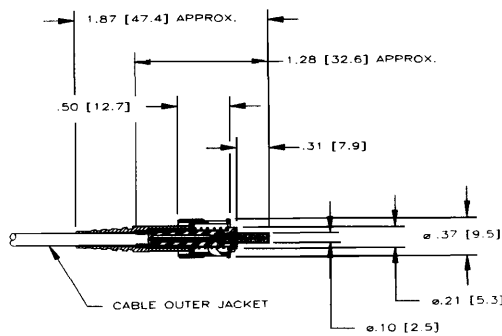


Order Information

Part Number	Operating Mode
953-110-5010	ST FiberGrip Connector, Multimode 128 um, Zirconia Ferrule, Die Cast
953-122-5003	ST Adapter, Die Cast, Phosphor Bronze Alignment Sleeve
953-122-5000	ST Adapter, Polymer, Phosphor Bronze Alignment Sleeve
953-1061	ST Dust Cap and Chain
927-100-5058	FiberGrip Termination Tooling

Package Dimensions

Units: inches [mm]



Amphenol Fiber Optic Products

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