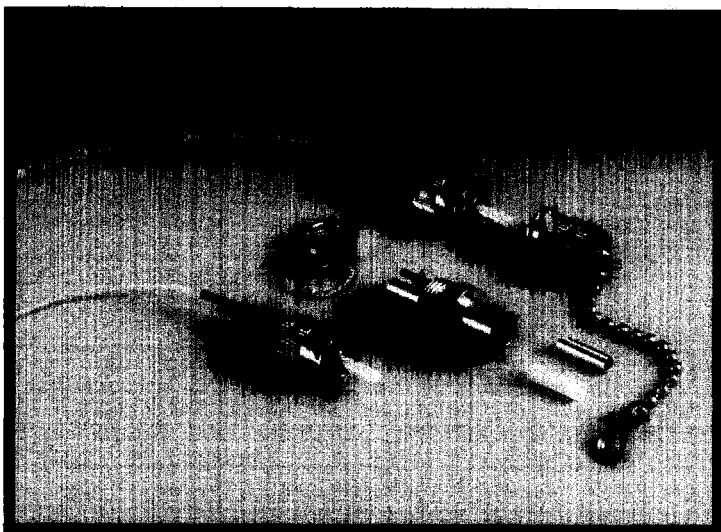


# Amphenol®

## 953 Series FiberGrip™ Connector

(Mechanical Non-Adhesive Connector)



### Specifications

**Connector Loss:** 0.25 dB typical

**Durability:** 0.08 dB typical change after 500 matings

**Operating Temperature:** 0° to +50°C

**Storage Temperature:** -40°C to +85°C

**Thermal Stability:** IL change .37 dB typical, .55 dB Max.

**Humidity:** 95% at 50°C;  
IL change .42dB typical, .45dB Max.

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

### Applications

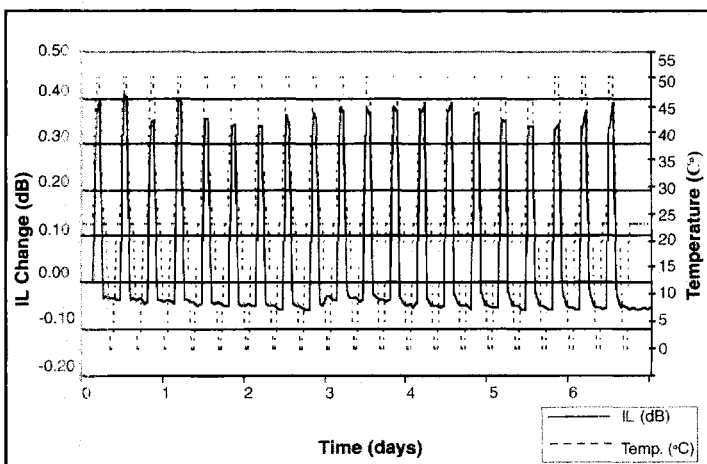
- Local Area Networks
- Premise Distribution

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.

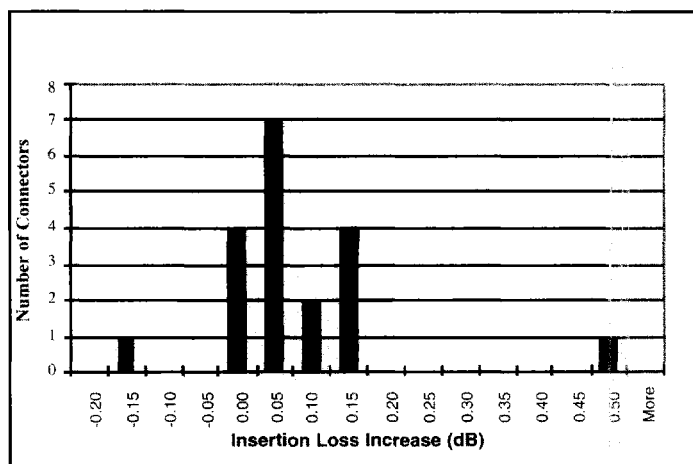
### Features

- 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

**Thermal Cycling (0° C to 50° C)**



**Durability (After 500 Mate/Demate)**

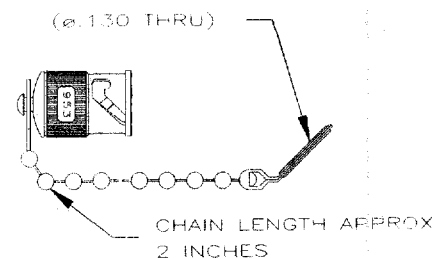
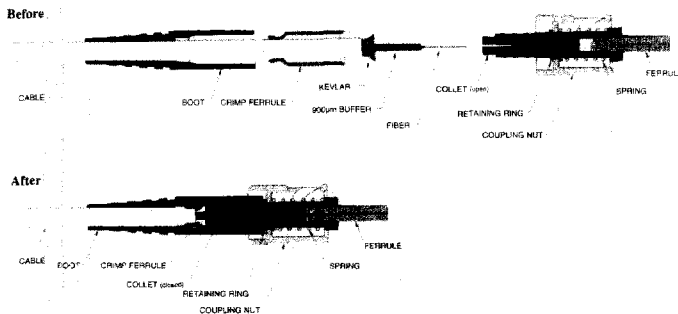
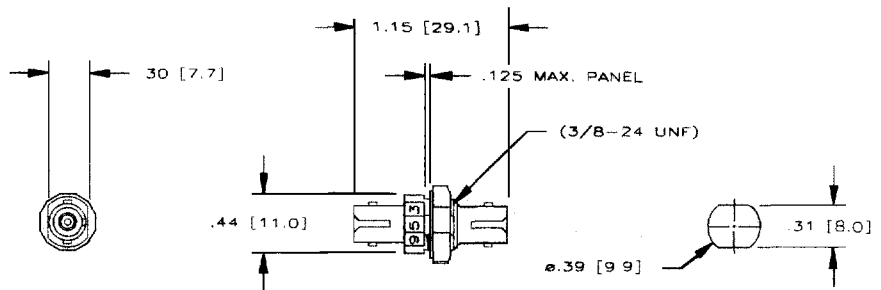
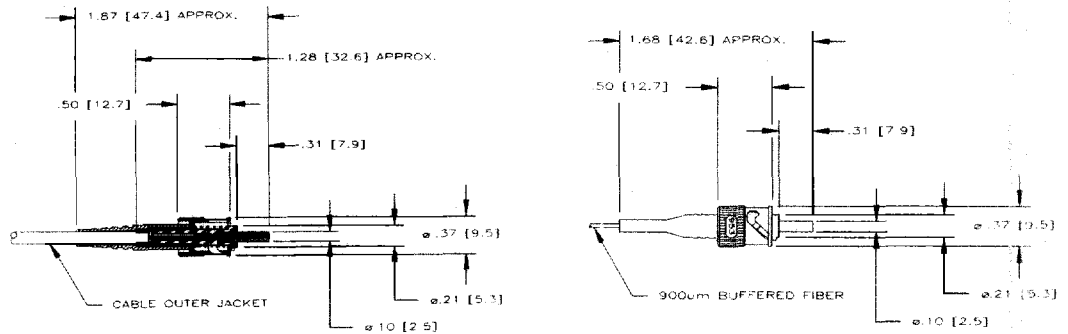


Order Information

Part Number	Operating Mode
953-105-5010	ST FiberGrip Connector, Multimode 128 um, Zirconia Ferrule, Die Cast
953-121-5003	ST Adapter, Die Cast, Zirconia Ferrule Alignment Sleeve
953-120-5000	ST Adapter, Polymer, Zirconia Alignment Sleeve
953-1061	ST Dust Cap and Chain
927-100-5058	FiberGrip Assembly Tool
927-100-5059	FiberGrip Termination Tool Kit

Package Dimensions

Units: inches [mm]



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