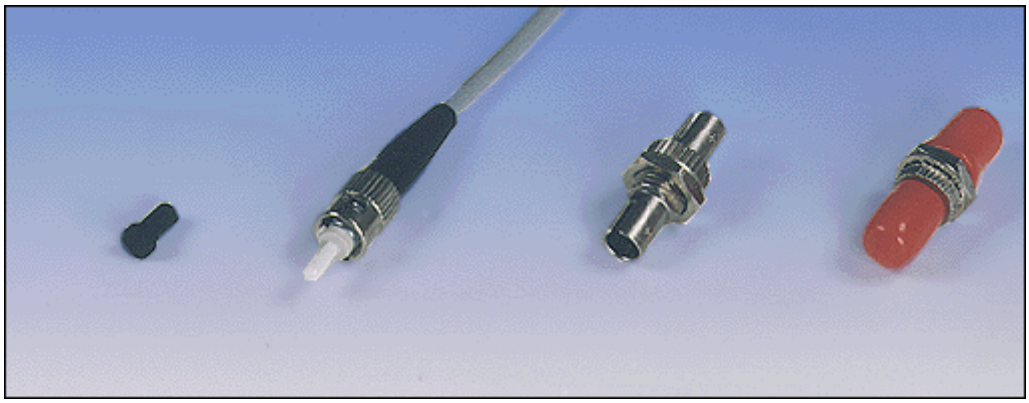
ST Fiber Optic Connectors and Adapters

Features



- High repeatability and low attenuation
- Field installable
- Standard crimp kevlar retention
- Specially designed for premises, LAN and Telco applications
- High performance Single-Mode and Multi-Mode connectors
- Low insertion loss:
    - Multi-Mode: < 0.34 dB typical
    - Single-Mode: < 0.15 dB typical

ST Fiber Optic Connectors and Adapters

Description

The ST connectors, available in both single mode and multi mode models, are specially designed for distribution applications and are fully compatible with existing ST type hardware. The connector was designed for small bend radius applications where space is limited.

High quality, pre-polished and pre-radiuses zirconia ceramic ferrules are combined with the latest engineering polymers and metals to produce the ST connectors. Pre-polished ferrules minimize the polishing times and provide consistent ferrule end-face geometry. When combined with the appropriate termination kits and method, the connectors produce superior results both in the factory and in the field.

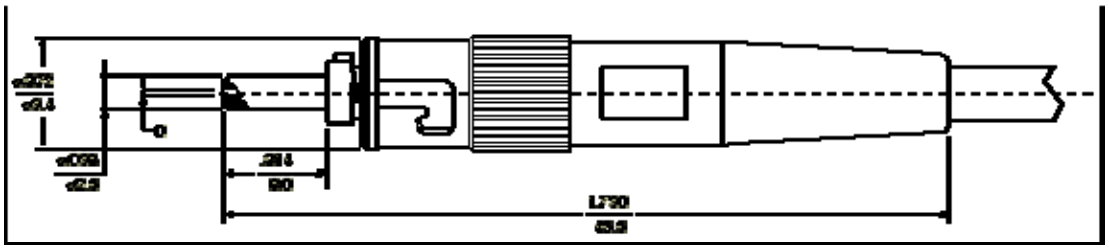
The ST adapters feature precision, low attenuation coupling, using polymer alignment sleeves in metal housing.

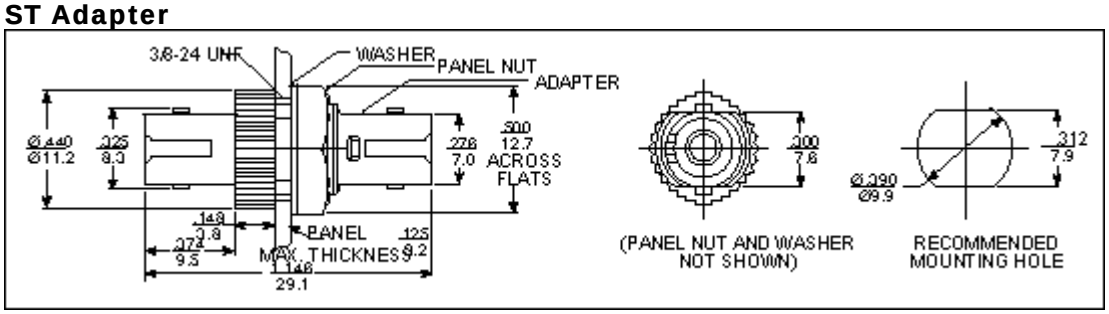
ST Fiber Optic Connectors and Adapters

Specifications

	Units	Min	Max	Comments
Durability	~dB	-	0.1	FOTP-21A, 1000 cycles, cleaning every 100 cycles
Temperature range:				
storage	°C	-40	+80	May be further limited by cable specifications
operating	°C	-40	+80	May be further limited by cable specifications
Thermal shock	~dB	-	0.1	-40 to +60°C, 10 cycles
Temperature cycling	~dB	-	0.1	-40 to +80°C, 40 cycles
Humidity cycling	~dB	-	0.1	Per FOTP-5, +60°C at 95% RH for 504 hours
Cable retention	~dB	-	0.2	Per FOTP-6, 40 lb. load without adhesive

ST Connector



Dimensions are in inches/mm

ST Adapter