ST® connector assemblies

AI's ST® connector assemblies are available with multimode or singlemode fiber cables. These low loss, low cost connectors feature several ferrule options. As with most connectors, the ST® can be terminated onto any type of cable and is available with a 3mm or 900µm boot. AI's industry-standard assemblies provide low insertion loss and back reflection.

Applications

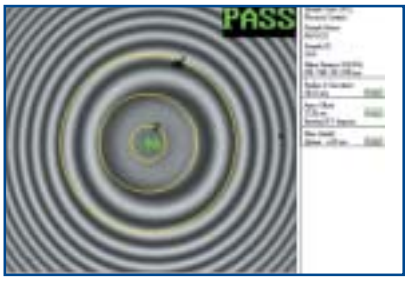
> CATV
> Telecommunication networks
> Data networks
> Instrumentation
> Active device termination

Features

> Ultra PC polish available
> Low back reflection and insertion loss
> Secure twist – lock coupling
> Ceramic ferrules
> Designed to meet Telcordia requirements

Benefits

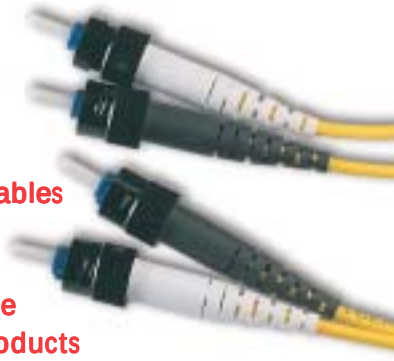
> ISO9001:2000 certified
> 100% optical test
> Large selection of approved component manufacturers
> State-of-the-art development and test capabilities



Test data, interferometric data and custom labeling/ bar coding are available on any AI assembly upon request.

AI manufactures all types of assemblies utilizing the ST® connector, including:

> **Simplex assemblies and pigtails**
> **Hybrid assemblies**
> **Custom multifiber terminated trunk cables**



AI has earned its reputation for on-time delivery of quality products that meet customer specifications every time.

Performance Specifications

Fiber Type and Polish
50/125µm and 62.5/125µm for multimode
9/125µm for singlemode in SPC and UPC polish

Typical/Maximum Insertion Loss
< 0.25/< 0.40 dB for multimode
< 0.20/< 0.40 dB for SPC singlemode
< 0.20/< 0.40 dB for UPC singlemode

Maximum Return Loss
-45 dB for SPC singlemode
-55 dB for UPC singlemode

Data is for informational purposes only and is subject to change. Please contact our sales department or refer to our website for current information.

ST is a registered trademark of Lucent Technologies.

ADVANCED INTERCONNECT

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