



FC connector assemblies

AI's FC connector assemblies are available with multi-mode or singlemode fiber and with any type of cable. The FC is most commonly used as a simplex cable or a PM (Polarization Maintaining) cable assembly. Many types of test equipment utilize an FC interface and AI manufactures hybrid assemblies to meet specific customer requirements. Standard assemblies provide low insertion loss and back reflection in an industry standard package. AI's FC connectors provide a keyed design with a free-floating ceramic ferrule to meet standard or customer defined specifications.

Applications

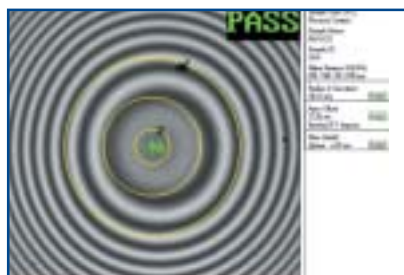
- > CATV
- > Telecommunication networks
- > Data networks
- > Instrumentation
- > Active device termination

Features

- > Available for multimode and singlemode
- > Low back reflection and insertion loss
- > Ceramic ferrule
- > Secure keyed design
- > 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

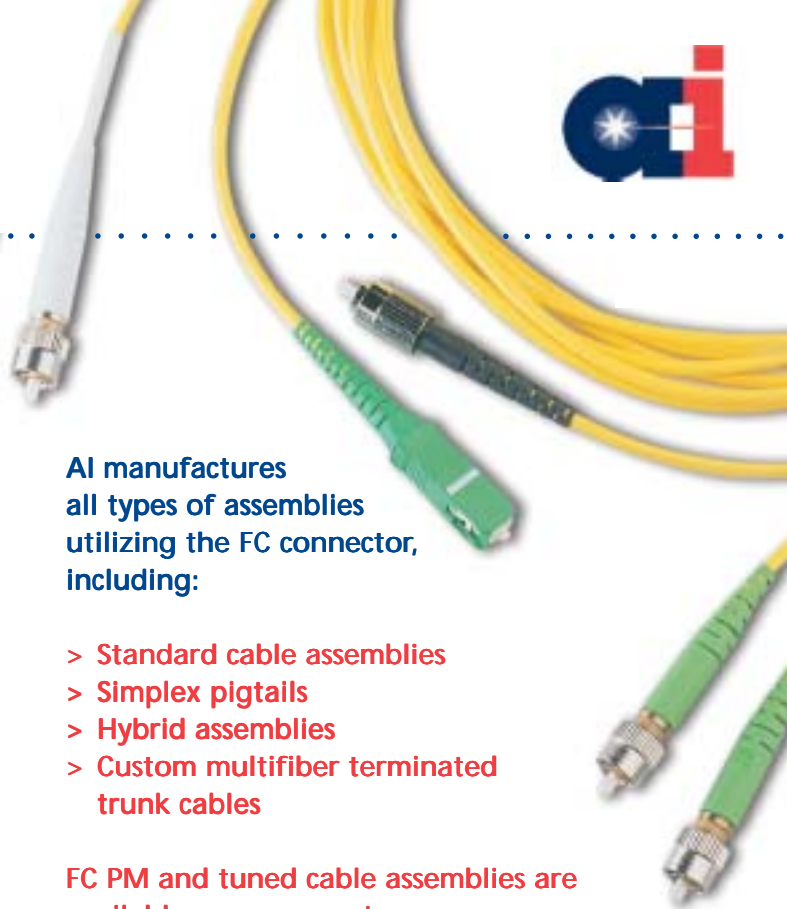


Test data, interferometric data and custom labeling/bar coding are available on any AI assembly upon request.



130 Constitution Boulevard • Franklin, MA 02038
800-989-3627 • 508-541-3419 fax
www.ai-global.com

© March 2002 Advanced Interconnect, Inc.



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

- > Standard cable assemblies
- > Simplex pigtails
- > Hybrid assemblies
- > Custom multifiber terminated trunk cables

FC PM and tuned cable assemblies are available upon request.

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 UPC and APC polish

Typical/Maximum Insertion Loss

0.25 /0.40 dB for multimode
0.25 /0.40 dB for UPC singlemode
0.25 /0.50 dB for APC singlemode

Maximum Return Loss

-55 dB for UPC singlemode
-65 dB for APC 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.