



Loopback Attenuators

AI's loopbacks and loopback attenuators are used for equipment and lab testing/evaluation and are matched to the equipment on which they will be used.* Attenuated versions consider all important optical parameters in order to meet both loss and back reflection specifications.

AI stocks and custom builds a wide variety of fiber optic loopback accessories. Durable, molded housings are color-coded and labeled with part number, fiber type and attenuation value for easy product identification. AI's SC and LC loopbacks feature custom-molded dust caps for superior protection between uses.

Applications

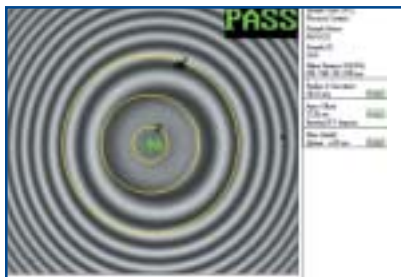
- > Manufacturing test and quality control
- > Field troubleshooting
- > Research and development labs
- > Training

Features

- > Available in singlemode and multimode
- > Standard and small form factor (SFF) versions
- > 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.



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AI manufactures loopbacks with these popular connector types, including:

- > SC
- > LC
- > MT-RJ
- > ESCON

Please see our [SFF loopback attenuators data sheet](#).

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

Performance Specifications

Fiber Type

50/125µm and 62.5/125µm for multimode
9/125µm for singlemode

Wavelength

850nm or 1310nm for multimode (VCSEL or LED)
1310nm or 1550nm for singlemode

Zero dB Loopbacks

0.6 dB typical insertion loss
1.0 dB maximum insertion loss

Attenuated Loopbacks

1 - 10 dB ±1.0 dB, 11 - 20 dB ±10%

* Loopback attenuators are primarily designed for direct use with transceivers. Performance specifications for other applications are available upon request.

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

