



Fiber test boxes

AI designs and builds fiber test boxes (FTBs) used for simulating a variety of network conditions. These valuable test boxes can include any combination of singlemode and multimode fiber lengths. They can be equipped with any type of fiber optic connector or adapter, making them the ultimate solution for equipment testing and verification needs.

The FTB comes in several rack mounted versions that can hold 2 – 6 fiber spools. The larger number of spools allow for configurations that can simulate many different operating conditions. In addition, AI's convenient portable style can hold 1 or 2 fiber spools in a lightweight carrying case for field testing.

All test boxes are designed and built with standard lengths of singlemode or multimode fiber. AI can design customized test boxes for specific customer requirements.

Applications

- > Test set or OTDR calibration
- > Manufacturing test and quality control
- > Product demonstrations
- > Training
- > Field troubleshooting
- > Research and development labs
- > System simulation for length, reflectance and time delay

Features

- > Available in a variety of fiber lengths and connector types
- > Rack-mounted and portable versions
- > Splices can be included within the link
- > Singlemode and multimode versions

Benefits

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



AI fiber test boxes are available as:

- > 2 - 6 spool rack mount
- > 1 - 2 spool portable

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



Performance Specifications

Fiber Types

50/125µm, 62.5/125µm and 100/140µm multimode
Standard and dispersion-shifted singlemode

Standard Available Lengths

5.4, 10.5, 15.4, 20.5 and 25km
other lengths available

Connector Types

SC (Ultra PC / Angled PC) singlemode
FC (Ultra PC / Angled PC) singlemode
ST (Ultra PC) singlemode
LC (Ultra PC) singlemode
LC, SC, FC, ST, ESCON, SMA905, SMA906, FDDI multimode
others available

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



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