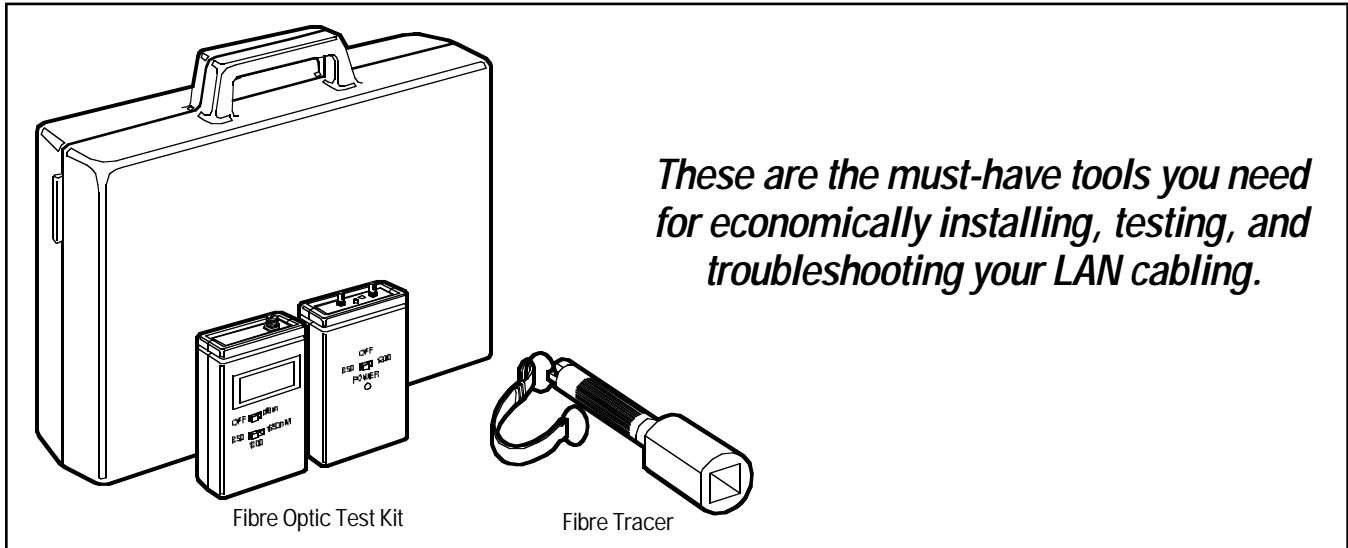




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### FIBRE TRACER AND FIBRE OPTIC TEST KIT



*These are the must-have tools you need for economically installing, testing, and troubleshooting your LAN cabling.*

The **Fibre Optic Test Kit** contains everything you'll need to calibrate your launch cables and calculate loss from the difference in power measured in dBm.

The Kit includes: mini fibreoptic power meter (germanium, 850/1300/1550 dBm), mini light source (850/1300 nm), Fibre Tracer, ST adapter, also pads, trim tool, carrying case, optical-loss calculator, 9-volt battery, plastic bags, and an accessory pouch.

The power meter's germanium detector gives you the broadest range of measurements in both multimode and single-mode networks. The calibration

accuracy, compared to NIST standards, is as good as can be obtained with current technology.

Use the **Fibre Tracer** to check for continuity or to quickly trace multimode fibres from proper connections.

The Fibre Tracer is built on a flashlight and uses an incandescent source to inject enough light into fibre to let you visually trace the fibre, find splices, and perform continuity checks. This tool has a range of 4 km (2.5 miles) and is ideal for testing and troubleshooting every multimode fibre network. And it's so inexpensive that everyone on the crew can own one!

### Specifications for Fibre Optic Test Kit

#### Power Meter

Accuracy: 0.2 dB (NIST traceable)

Controls: On/Off, calibration wavelength

Operating Temperature: 32 to 122°F (0 to 50°C)

Resolution: 0.1 dB

Power: 9V battery

#### Light Source

Controls: Output power;  
Off/Wavelength (LEDs);  
Off/CW/@KHz (Lasers)

Operating Temperature: 0 to 50°C (32 to 122°F)

Output Power: Adjustable over a 10-dB range

Power: 9V battery

#### Power Meter and Light Source

Size: 10.9 x 6.9 x 3.3 cm (4.3"H x 2.7"W x 1.3"D)

Weight: 0.2 kg (0.4 lb.)

#### Complete Kit

Size: 22.9 x 24.6 x 9.4 cm (9"H x 9.7"W x 3.7"D)

Weight: 1.3 kg (2.8 lb.)

### Ordering Information

ITEM	CODE
Fibre Optic Test Kit.....	FT820A-R2
Fibre Tracer.....	FT821A