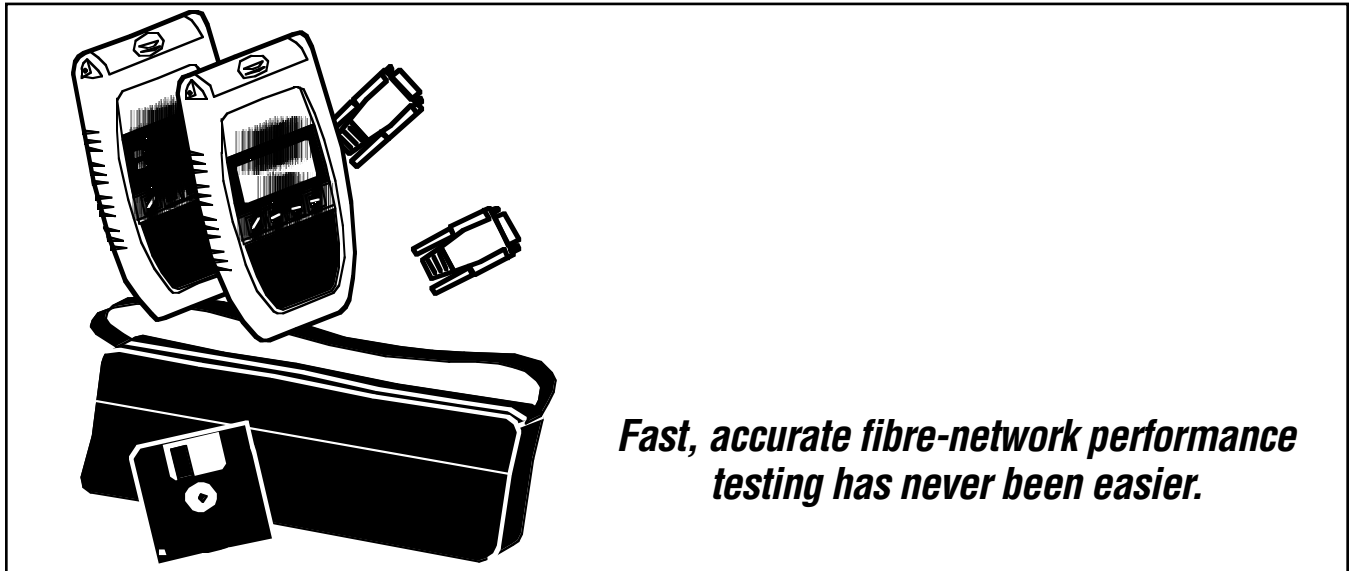




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### SIMPLIFIBRE KIT ST OR SC



*Fast, accurate fibre-network performance testing has never been easier.*

#### Key Features

- ▶ **Quickly and easily identifies failure points in a fibre network.**
- ▶ **Saves and retrieves test results.**
- ▶ **Finds faulty patch cables, failing splices, or bad couplers and connectors.**
- ▶ **SimpliFibre Metre works with any source operating at 850 or 1300 nm.**
- ▶ **SimpliFibre 850/1300 nm Source works with any power meter.**
- ▶ **Kit includes everything you need to get started.**

SimpliFibre is a high-quality fibreoptic cabling test tool that quickly and easily identifies failure points in a fibre network. It consists of two units: SimpliFibre Metre and SimpliFibre Source.

SimpliFibre Metre (the optical power metre) and SimpliFibre Source (the optical light source) help you install, manage, and troubleshoot multimode and single-mode fibre cabling systems.

The SimpliFibre Source provides a consistent dual-wavelength light that allows you to quickly and accurately assess the performance of fibreoptic transmission paths and equipment. It also supplies a modulated signal for use with fiber identifiers.

The SimpliFibre Metre measures the power of light emerging from the fibre. By measuring optical power, SimpliFibre Metre verifies the proper installation and operation of fibreoptic components such as fibreoptic hub modules, repeaters, and adapter cards.

SimpliFibre also helps to identify faulty patch cables, failing splices, or bad couplers and connectors by measuring signal loss.

You can use the SimpliFibre Metre with any source operating at 850 or 1300 nm.

You can use the SimpliFibre Source with any power metre.

A hinged cover protects the units' connector(s). It also allows you to prop up the units when you're using them.

#### ScanLink Software

Download stored data to your PC from the SimpliFibre Metre via ScanLink<sup>®</sup> software. It lets you save, retrieve, edit, and export data to spreadsheet and database-compatible files. Or merge newly loaded data with data from other scanners.

## Specifications

### **SimpliFiber Meter**

**Display**—Custom LCD, 4.4 x 2 cm

**Keypad**—Four momentary-contact keys

**Batteries**—(2) AA alkaline

**Average Battery Life**—100 hours

**Size**—15.9 x 8.9 x 3.2 cm

**Weight**—0.2 kg

### **SimpliFiber Source**

**Calibrated Wavelength**—850- and 1300-nm LEDs, standard

**Optical Power**—850 nm: >20 dBm; 1300 nm: >-20 dBm

**Batteries**—(2) AA alkaline

**Average Battery Life**—10 to 50 hours, depending on mode

**Temperature Tolerance**—  
*Operating:* 0 to 45°C; *Storage:* -10 to +60°C

**Humidity**—*Operating:* 10 to 90% noncondensing; *Storage:* 5 to 95%

**Certifications**—CE

**Size**—15.9 x 8.9 x 3.2 cm

**Weight**—0.2 kg

## Technically Speaking

Accurate repeatable measurements of optical power and signal loss are fundamental for the installation and maintenance of fiberoptic cabling.

To make an accurate measurement, you need to know the loss of your attached launch cable and the power being transmitted. The reference value must be stored before a loss measurement can be calculated.

SimpliFiber requires the reference value to compensate for the signal loss in the launch cable. This value is then automatically subtracted from the actual measured value to determine cable plant loss.

## What the Package Includes

- SimpliFibre Metre ST (TS1006A) or SC (TS1007A)
- SimpliFiber 850/1300 LED Source with either an ST® or SC® style adapter
- ScanLink software for PC uploads
- DB9 serial cable for PC uploads
- (4) AA alkaline batteries [(2) for each unit]
- Optic cleaning pads
- Soft carrying case
- Users' manual

## Ordering Information

ITEM	CODE
SimpliFibre Kit	
ST.....	TS1006A
SC.....	TS1007A

