

3-in-1 OPTICAL FIBRES IDENTIFIER TED®

TED®



Essential tool for performing all key tests of an optical fibre link on a FTTx network.

Traffic detection checks the possible presence of a signal on a fibre without disconnecting or disrupting the network traffic. It also indicates the direction of the signal.

The visual fault locator (VFL) highlightst faults & defects of a fibre link such as bends and continuity ruptures.

The optical power meter (OPM) measures the performance of optical links.

PN	DESCRIPTION	NET WEIGHT	PACK
1001597	3 in 1 Optical fibre tester TED®	145g	Unit

PRODUCT OVERVIEW

- Signal detection
 - Identification of an active fibre
 - Isolate a potential damaged fibre
 - Signal direction
 - Indication of modulation frequency
- Visual fault locator (VFL)
 - Continuous & flash modes
 - 10 mW output power
- Power meter module (OPM)
 - Units of measurement : dBm/dB/ μ W
 - Wide wavelength range (850nm -1625nm)

Warning: Class 3B Laser

-Do not stare into beam

-The wearing of protective glasses is mandatory

FEATURES & BENEFITS

- 3 in 1 tool, compact and ergonomic all in one fibre tester
- 4 adapters to support most of fibre diameters (250 μ m ; 900 μ m ; 2mm ; 3mm)
- Universal 2.5mm connector (SC/ST/FC) for visual fault locator and power meter
- Backlit color display
- 24 months warranty



PN.	DESCRIPTION	PACK
17887	Protective laser overglasses	Unit

TECHNICAL SPECIFICATION

Optical fibre identifier	
Wavelength range(nm)	800 ~ 1700
Detector type	InGaAs
Adapter type (mm)	250µm, 900µm, 2mm, 3mm
Modulation frequency (Hz)	CW, 270, 1K, 2K
Optical fibre signal display detection range (dBm)	+13 ~ -50
Signal direction detection range (dBm)	+13 ~ -35
Signal frequency indication (Hz)	270, 1K, 2K
Signal frequency detection range (dBm)	+13 ~ -30
Power meter	
Calibrated wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625
Measurement range (dBm)	+26 ~ -50
Units	dBm, dB, µw
Resolution ratio (dB)	0.01
Uncertainty (dB)	≤0.5
Test interface	Φ 2.5mm universal interface
VFL module	
Wavelength (nm)	650±10
Output power (mW)	≥10
Test interface	Φ 2.5mm universal interface
Others	
Display screen	Color-LCD
Power supply	2 * 1.5V pile AA battery
Operating temperature (°C)	-20 ~ +60
Storage temperature (°C)	-30 ~ +70
Dimension (mm) without switch pull button	220*38*28mm
Weight (g) without batteries	145