

P.N: OPBA00028

Description

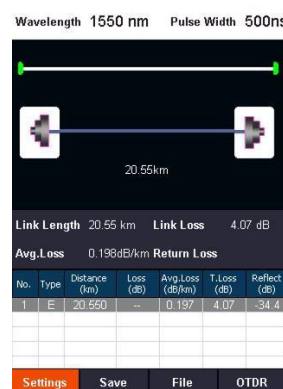
OTDR, Smart Series, 1310/1550, 24/22dB, Visible Red Light Source

Features

- OTDR
- EVENT MAP
- Optical Light Source
- Optical Power Meter
- Visual Fault Locator
- RJ45 Ethernet Cable Sequence
- Ethernet Cable Distance
- Ethernet Cable Tracker
- LED Light



OLM



OTDR



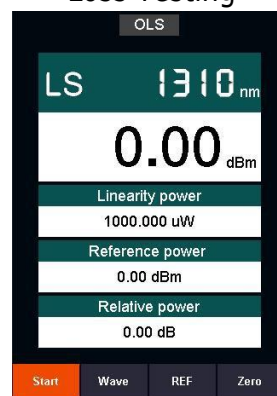
Laser Source



VFL



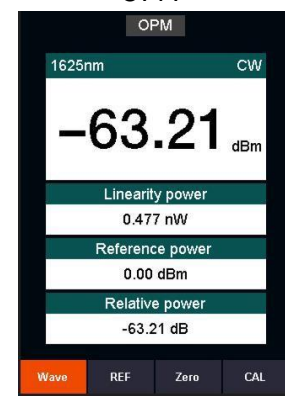
Loss Testing



RJ45 Tester



OPM



GENERAL

SCREEN	3.5" LCD Touch Screen
BATTERY	4000mAh/3.7V
DIMENSIONS (MM)	170×120×30
WEIGHT(G)	340 grams

OTDR

WAVELENGTH (NM)	1310/1550 nm±20nm	1310±20n m	1550±20n m	1610±20n m	1625±20n m	1650±20nm
DYNAMIC RANGE	24/22dB	24dB	22dB	22dB	22dB	22dB
TYPE OF CONNECTORS	FC/PC; SC/PC; FC/APC(Optional); SC/APC (Optional)					
EVENT DEAD ZONE	2.5 m					
ATTENUATION EVENT DEAD ZONE	8 m					
MEASURING RANGE	100m/500m/1km/2km/5km/10km/20km/40km/60km/90km					
PULSE WIDTH	5ns/10ns/20ns/50ns/100ns/200ns/500ns/1us/2us/5us/10us/20us					
ACCURACY DISTANCE (REFLECTION)	± (1m+Sampling interval+0.005% X measuring range)					
LINEARITY	±0.2dB/dB					
SAMPLE POINTS	Maximum sampling points: 20000					
SAMPLING RESOLUTION	25cm ~ 8m					
LOSS RESOLUTION	0.001dB					
RANGE RESOLUTION	0.001m					
REFRACTIVE INDEX	1.0000 ~ 2.0000					
REFLECTION ACCURACY	±3dB					
FILE FORMAT	Standard sort file format					
SAFETY LEVEL	Class 3B					
STORAGE OF RECORDS	600 groups (Can be increased by adding one SD Card)					

VISUAL FAULT LOCATOR

WAVELENGTH (NM)	650nm
OUTPUT POWER	≥10mW
MODE	CW, 1Hz, 2Hz

OPTICAL POWER METER

MEASUREMENT RANGE DBM	Default: -70 ~ +10dBm, Optional: -50 ~ +26 dBm
WAVELENGTH RANGE (NM)	800 ~ 1700
CALIBRATED WAVELENGTH DETECTOR	850/1300/1310/1490/1550/1625/1650nm In Gas
FREQUENCY	270Hz/330Hz/1kHz/2k Hz
UNCERTAINTY	±5%
RESOLUTION	Linearity: 0.1%, non-linearity: 0.01dBm
CONNECTOR	Changeable FC/PC SC/PC, (ST as Optional)

OPTICAL LIGHT SOURCE

EMITTER	FP-LD
WAVELENGTH (NM)	1310/1550nm
CONNECTOR	FC/PC (SC/ST as optional)
OUTPUT POWER	-5dBm $\pm$ 2dB
OUTPUT STABILITY (DBM)	$\pm$ 0.5 @20°C@15min
MODULATION	CW/270Hz/1KHz/2KHz

RJ45 CABLE MEASUREMENT

FUNCTION	Sequence/Tracker
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WIRELESS CHARGING FUNCTION

FUNCTION	Wireless Charging Function (Optional)
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OTDR (DUAL WAVELENGTHS)

Intelligent Optical Link Map OPM	Laser Source VFL
Loss Testing	RJ45 Sequence
RJ45 CABLE TRACKER (OPTIONAL)	Torch
Wireless Charging Function (Optional)	SD Memory Card (Optional)