

MINI OTDR SIN-016-OPNET SC-APC

Description

It is applied in FTTx and access network construction and maintenance and could fast locate breakpoints, length, and loss, and automatically detect the input light and accurately test via one key operation.

In appearances, it features with 3.5" colorful LCD screen, new shock-proof and drop-proof rubber boots. In functions, it combines OTDR, Event maps, Stable OLS, OPM, VFL, RJ45 cable sequences test, IL test and lighting, total 8 strong functions. In accessories, it has universal connector, 600 internal storage, TF card, built-in lithium battery, USB data storage and USB charging.

It could quick detection of breakpoint and is good choice for long term field work.



Specifications

Model	SIN-016-OPNET	
Wavelength	1310/1550nm	
Fiber Type	G.652 SM Fiber	
Dynamic Range	22dB/20dB	
Event Dead Zone	8m	
ATT Dead Zone	15m	
Test Range	10m~60km	
Pulse Width	5~10000ns	
Ranging Accuracy	±(1m+Sampling Interval +0.005%×Test Distance)	
Loss Accuracy	±0.2dB/dB	
Sampling Points	16~86k	
Sampling Resolution	0.7m	
Reflection Accuracy	±3dB	
Data Storage	Internal:≥600;External:TF Card	
Laser Safety Level	Class II level	
File Format	SOR Standard File Format	
Connector	FC/PC (Interchangeable SC、ST)	
OPM		
Wave Range	800nm~1700nm	
Interface Type	Universal FC/SC/ST	
Test Range	-50~-+26dBm	
Uncertainty	±5%	
Frequency Identification	CW	
Calibration Wavelength	850/1270/1300/1310/1490/1550/1577/1625nm	
OLS		
LD Type	FP-LD	
Output Wavelength	1310/1550nm	1610nm
Output Power	≥-5dBm	
Modulation Frequency	CW/270/1k/2kHz	
Stability	CW,±0.5dB/15min (Test after15mins of)	
Connector	preheating FC/APC(Interchangeable SC,ST)	
VFL		
Work Wavelength	650nm±20n	
Output Power	m ≥10mW	

Mode	CW/1Hz/2Hz
Connector	FC/SC/ST
RJ45 Sequence	
Other Parameters	
Screen	3.5" Color LCD
Data Interface	Micro USB
External Storage	TF Card
Power Supply	Polymer Li-battery:3.7V,4000mAh Power Adapter: 5VDC,1A
Battery Life	Standby>20h; Measuring Time>12h
Operating Temperature	-10°C~+50°C
Storage Temperature	-40°C~+70°C
Relative Humidity	0~95%Non Condensing
Weight	≤400g
Dimension	173×85×42mm
Functions: OTDR/Event map/OPM/LS/VFL/IL/RJ45 Sequence/Lighting	

Note:

1. Test Temperature $25^{\circ}\text{C}\pm 2^{\circ}\text{C}$, Maximum pulse width, Average time $\geq 3\text{min}$.
2. Test conditions of Event Blind Zone are minimum range, minimum pulse width reflection loss of optical end $\geq 45\text{dB}$, typical value.

Configuration

NO	Name	Qty	Remark
1	OTDR	1	Battery Include
2	Adapter	1	
3	Data Cables	1	
4	User Manual	1	
5	Connector	1	
6	Calibration Certification	1	
7	Qualification Certificate	1	
8	Cotton Swabs	10	
9	Carrying Bag	1	

Mod: 03-04-2025