

Art.nr. 404039

STC-OTDR801H

Description:

STC-OTDR801H is STComm the new generation of intelligent OTDR. This product is mainly used to measure the parameters of optical fibers and cables, such as length, loss, and connection quality, etc.; it can realize the accurate positioning of event points and fault points, and can be widely used in the construction, maintenance testing and emergency repair of the optical fiber communication systems as well as the research, production and production measurement of optical fibers and cables and so on. This new OTDR also combine the OPM, OLS and VFL module, in order to provide you with the highest performance of solutions for installation and construction of fiber optic network construction and the subsequent fast and efficient maintenance and troubleshooting testing.



Features:

- ✓ Combine the OPM, OLS, VFL and OTDR in one tester
- ✓ Simplest interface and intuitive operation
- ✓ Unique dual operation mode of key plus touch screen
- ✓ One-key analysis,

Specification:

Product Name	OTDR
OTDR Module	
displaying	5.6 inch color LCD, touch screen
Wavelength	850/1300/1310/1550nm
Dynamic Range	28/26/37/35dB
Dead Zone(Event)	1m
Dead Zone(Attenuation)	6m
Measurement Range	500m /1km /2km /4km /8km /16km /32km /64km /128km /256km
Pulse width	5ns / 10ns/ 50ns/ 160ns/ 320ns/ 500ns/ 1000ns/ 5000ns/ 10000ns/ 20000ns
Range accuracy	$\pm (0.75m + \text{sampling interval} + 0.005\% \times \text{distance})$
Attenuation measurement accuracy	$\pm 0.05\text{dB/dB}$
Reflection measurement accuracy	$\pm 3\text{dB}$
Data Storage	≥ 2000
Optical Interface	FC / PC (SC interchangeable)

Data Interface	USB、mini-USB、10M/100M--LAN
VFL Module	
Wavelength	650±10nm
Output Power	10mW
OPM module	
Calibration Wavelength	850/1300/1310/1490/1550/1625/1650nm
Measurement Range	+26dBm~-50dBm or 6dBm~-70dBm
Power Supply	AC adapter: AC: 100V ~ 240V (1.5A), 50/60Hz 0.6A DC: 18V to 20V (2A) Internal lithium-ion battery pack: 7.4V, 5000mAh
Operation Temperature	-5℃~50℃
Storage Temperature	-20℃~70℃
Relative humidity	0~95%no condensation
Weight	1kg
Volume	227mm×160mm×70mm

Note: Note:

1. Ambient temperature $23^{\circ}\text{C}\pm 2^{\circ}\text{C}$, maximum test pulse width and the average number of times more than 500;
2. Test condition of blind zone (range 500m, pulse width 10ns and channel III), reflection loss of fiber end face $\geq 45\text{dB}$, typical value;
3. Low brightness

Standard Configuration:

Item	NAME	QUANTITY
Host machine	OTDR	1
Standard accessories	AC/DC power adapter	1
	Cortical handel	1
	U disk	1
	Touch-Screen Pen	1
	Data Line	1
	OTDR SC interchangeable adapter	1
	OPM SC interchangeable adapter	1
	User Manual	1
	Calibration Certificate	1
	Cleaning Cotton Swab	1
	Soft Carrying Case	1