

FHO3100 OTDR



Features:

- 6-inch color capacitive touch screen
- Dual wavelength 1310nm/1550nm or triple wavelength 1310nm/1550nm/1625nm is optional
- Supports multiple OTDR measurement modes (automatic, manual, real-time testing, dual wavelength testing)
- Equipped with rich testing function modules, including VFL, stable laser source, optical power meter, 10G PON selective optical power meter, optical loss test, fiber link map, RJ45 cable sequence/length/tracking and flashlight, etc
- Bluetooth and android phone app function

Model:

Model	Wavelength	Dynamic Range	Deadzone
FHO3100-D24	1310/1550nm	24/22dB	1m/4m
FHO3100-D28		28/26dB	
FHO3100-D32		32/30dB	
FHO3100-T24F	1310/1550/1625nm	24/22/22dB	
FHO3100-T28F		28/26/26dB	
FHO3100-T32F		32/30/30dB	

Specifications:

OTDR	
Pulse width	3ns~20us
Test range	500m~120km
Sampling resolution	Min 0.05m
Sampling points	Max 128,000
Loss threshold	0.01dB
Loss resolution	0.001dB
Distance resolution	0.01m
Distance accuracy	$\pm(0.75m + \text{Test distance} \times 3 \times 10^{-5} + \text{Sampling resolution})$ (Excluding refractive index error)
VFL	
Working wavelength	650nm
Output power	10mw, CW/2Hz flashing mode
Stable Laser Source	
Working wavelength	Same as OTDR wavelength
Output power	>-12dBm
Optical Power Meter	
Calibrated wavelength	850/1300/1310/1490/1550/1577/1625/1650nm
Test range	-40~+10dBm

10G PON Selective OPM (Optional)	Support 1490nm and 1577nm selective power measurement in 10G PON combo network
Optical Loss Tester	
Support laser source and optical power meter work at the same time	
RJ45 Testing	
RJ45 sequence	Support, TIA-568A or TIA-568B standard
RJ45 length	Support
RJ45 tracking	Optional
Others	
Interface	Charging/Data Interface: USB 2.0 Type-C OTDR optical port: FC/UPC or SC/UPC (APC optional) VFL and OPM: 2.5mm universal port(FC/SC/ST) 2xRJ45 Ethernet port: RJ45 cable sequence/length/tracking
Display screen	6-inch color capacitive touch screen
Wireless	Bluetooth, support android phone app connection
Battery	3.7v/5000mAh lithium battery
Storage	4G (standard), 16GB (optional)
Temperature	Working temperature: -10°C~+50°C; Storage temperature: -20°C~+70°C
Humidity	≤95%(No condensation)
Dimension/Weight	195×141×46mm/730g(with battery)