



FHO5500 Series OTDR



- 8-inch capacitive touch screen
- LINUX operation system
- Newly designed UI interface for a better user experience
- Dynamic range: 35~48dB selectable, supports multi-mode wavelengths
- Event deadzone/attenuation deadzone: 0.5m/2.5m
- 10G PON Optical power meter is optional
- Support VFL, OPM, OLS, FLM and fiber microscope function
- Dual 5200mAh lithium battery
- Support WIFI, Bluetooth and phone APP

Items	Specifications
Pulse Width	3ns, 5ns, 10ns, 30ns, 50ns, 100ns, 275ns, 500ns, 1us, 2us, 5us, 10us, 20us
Distance Range	100m~260km
Sampling Resolution	Minimum 5cm
Sampling Points	Maximum 256,000 points
Linearity	≤0.03dB/dB
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
IOR Setting	1.00000~2.00000, 0.0001 step
Distance Accuracy	±(0.75m+test distance×3×10 ⁻⁵ +sampling resolution) (excluding IOR uncertainty)

Items	Specifications
Visual Fault Locator Module	
Working Wavelength	650nm±20nm
Output Power	10mw
Launching Mode	CW/1Hz/2Hz
Connector	Universal 2.5mm
Optical Power Meter Module	
Wavelength Range	800~1700m
Calibrated Wavelength	850/1270/1300/1310/1490/1550/1577/1625/1650nm
Test Range	-40~+26dBm; (-60~+6dBm is optional)
Accuracy	±0.5dB
Resolution	0.01dB
Frequency detection	270Hz/1kHz/2kHz
Data Storage	Support



10G PON Selective Optical Power Meter(Optional)	
Calibrated Wavelength	850/1270/1300/1310/1490/1550/1577/1625/1650nm
10G PON Optical Power Meter	1490nm/1577nm Separate measurements and display on the same screen
Test Range	-40~+10dBm
Accuracy	±0.5dB
Data Storage	Support
Optical Laser Source	
Working Wavelength	Consistent with OTDR
Output Power	> -8dBm
Output Mode	CW/270Hz/1kHz/2kHz
Others	
Operation System	Linux
Interface	1×RJ45 port, 3×USB port (USB 2.0, Type A USB×2, Type C USB×1)
Optical Port	OTDR: FC/UPC or SC/UPC
	OPM: FC/UPC or SC/UPC
	VFL: 2.5mm universal port
Wireless	Wifi, Bluetooth and phone app
Display	8-inch Capacitive touch screen
Battery	Two 5300mAh lithium batteries
Data Storage	16G
Temperature	Working Temp: -10℃~+50℃; Storage Temp: -20℃~+70℃
Humidity	≤95% (No-condensation)
Dimension	260×176×55mm
Weight	1.9kg (with battery)

Model	Wavelength	Dynamic Range	Dead-zone
FHO5500-D36	1310/1550nm±20nm	36/34dB	0.5/2.5m
FHO5500-D43		43/41dB	0.5/2.5m
FHO5500-D46		46/44dB	0.5/2.5m
FHO5500-D50		50/48dB	0.5/2.5m
FHO5500-T36F	1310/1550/1625nm±20nm	36/34/34dB	0.5/2.5m
FHO5500-T43F		43/41/41dB	0.5/2.5m
FHO5500-T46F		46/44/44dB	0.5/2.5m
FHO5500-T50F		50/48/48dB	0.5/2.5m
FHO5500-TC36F	1310/1550/1650nm±20nm	36/34/34dB	0.5/2.5m
FHO5500-TC43F		43/41/41dB	0.5/2.5m
FHO5500-TC46F		46/44/44dB	0.5/2.5m
FHO5500-TC50F		50/48/48dB	0.5/2.5m
FHO5500-MD28	850/1300nm±20nm	26/28dB	0.5/2.5m
	1310/1550nm±20nm	36/34dB	0.5/2.5m
FHO5500-MD29	850/1300nm±20nm	26/28dB	0.5/2.5m
	1310/1550nm±20nm	43/41dB	0.5/2.5m

