

Optical Fiber Comprehensive Tester

It is a comprehensive optical fiber measuring instrument developed by Henan Huachuang Communication Equipment Co., Ltd. to solve the measurement of various parameters of optical fiber. It mainly USES OTDR function and has other common measuring functions. Really reflected: ONE MACHINE, TESTING ALL!



Main parameter characteristics

- ◆ Touch-sensitive and solid physical button work together for perfect user experience
- ◆ Excellent for short-range measurement, Dead zone: 0.8m/4m
- ◆ Maximum sampling resolution: 5cm
- ◆ Support multiple analysis functions on testing results: Segment return loss, Event point return loss, Multi curves comparison, quick screen shots.
- ◆ Complete user data interface: USB (Type A) 、MINI USB、SD card。

Technical specifications

Wavelength (Max: 4)	Single mode	Multimode
	1310nm,1550nm,1490nm,1625nm,1650nm	850nm、1300nm
Dynamic Range(dB)	26~42dB	20dB/26dB
Event/ Attenuation Dead Zone	0.8m/4m	1.2m/5m
Minimum sampling resolution	0.05m	
Maximum sampling point	256,000	
linearity	≤0.05dB/dB	
Loss resolution	0.001dB	
Distance resolution	0.01m	
Distance accuracy	±(1m+Range×3×10 ⁻⁵ +Sampling resolution) (Regardless of the refractive index)	
Memory	>100000	
Interface	USB (Type A×1, Type B×1)	
Battery	Single battery capacity: 7.4V/2500mAh, The standard two	
Temperature	Environment temperature: -10℃~+50℃; Storage temperature: -20℃~+70℃	
Humidity	≤95% (No condensation)	
Size/Weight	215×155×68mm / 1.1kg (including battery)	

Optional modules

Module	Parameter	Note
VFL	1-20mW	10mW in default
OPM	Option A: -10dBm~-70dBm; Option B: +23dBm~-50dBm	Option A in default
Laser source	Output: -5dBm±2dB, Frequency: CW/270Hz/1KHz/2KHz	
GPS/GNSS		Customized
WIFI/Bluetooth		Customized
IOT module		Customized

