

DVP-323 OTDR



Optical Time Domain Reflectometer (OTDR) acquires and analyses the information of backscattering and reflective light propagating in fiber, based on the light backscatter and Fresnel reflection principle, to get the length, loss, fault points, light return loss, connector loss and so on. It is an essential tool for optical cable construction, deployment and maintenance.

The DVP323 series is a high-performance portable OTDR presented in 2017. This series product adopts some new techniques such as touch screen and real-time analysis. The optimized interface makes operations more convenient. Meanwhile the OPM and VFL are standard accessories. It is the best tool for fiber construction, deployment and maintenance.

Features

- ◆ 5 inch touch screen, 800×480 high dot array resolution
- ◆ Compact structure design, lighter, thinner and smaller
- ◆ Exceptional short distance performance; minimum 0.8m event dead zone; minimum 4m attenuation dead zone

- ◆ Support 28dB to 36dB dynamic range of various application demands
- ◆ Convenient and fast UE design
- ◆ Support OPM and VFL
- ◆ Complete data interfaces such as LAN, USB and so on

SPECIFICATIONS

Model	Wavelength(nm)	Dynamic Range(dB)	Event Dead Zone (m)	Attenuation Dead Zone (m)
DVP323	1310±20/1550±20	34/32	<3m	<25m
Distance range(Km)	5m-160km			
Pulse width(ns)	5ns~20µs (5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1µs, 2µs, 5µs, 10µs, 20µs)			
Measurement time	user-defined(smart link),with real-time measurement function			
Distance accuracy(m)	± (1m +0.001%×range + sampling resolution)			
Attenuation accuracy	±0.05dB/dB			
Loss limit(dB)	0.01dB			
Loss resolution(dB)	0.001dB			
Sampling resolution(m)	0.1m			
Sampling points	128000			
Data storage	3000 items			

OTHER INDICATORS

LCD type	5 inch TFT colorized LCD		
Laser adapter	FC/PC, SC/PC(option)		
Interface	USB		
Battery	built-in rechargeable Li-ion battery charging time <4 hours working time >8 hours		
Power	AC input : 100~240V , 600mA , 50/60Hz	DC output : 12.0V , 2A	
Operating temperature	0°C~40°C		
storage temperature	-20°C~70°C		
relative humidity	<80%		
weight	<1kg		
dimensions (mm)	147mm×190mm×62mm		