

AE2300 Series Handheld OTDR

-High Performance to Price Ratio

Description

AE2300 Series Handheld OTDR is a high performance, multi-purposes handheld OTDR. The visual fault location (VFL) could assist OTDR locate the fault much quicker. AE2300 is the ideal OTDR solution for both installation and maintenance services.

Key Features

-High Accuracy

Minimum Dead Zone < 0.8m

-Fast Measurement

Minimum measurement time could be set to 5 seconds, and within 30 seconds a 100km fiber can be measured.

-Handy Operation

One-Button operation allows test result analysis completion in one step which detect and display the fault location with corresponding marker. Traditional double markers could indicate the attenuation characteristics.

-Exquisite Design, Ideal for Fieldwork

Vibration proof, dust proof, humidity proof, 4.3" TFT Touch Screen, long operating hours and high capacity lithium battery make AE2300 ideal for fieldwork.

-Cost Effective

At same dynamic range, AE2300 has the most cost-effective price among all instrument.

-Long Operating Hour

Operating Hour > 8 hours



Model	Wavelength (nm)	Dynamic Range (dB)	Event DZ (m)	Attenuation DZ (m)
AE2300L	1310/1550	32/30	3	<15
AE2300	1310/1550	34/32	1.5	<10
AE2300H	1310/1550	36/34	1	<5
AE2300P-1	1310/1550/1625	38/37/37	0.8	<4
AE2300P-2	1310/1550/1650	38/37/37	0.8	<4
AE2300P-3	1310/1550/1490	38/37/37	0.8	<4

Interface (RJ45, USB)

-RJ45

Remote control and data sharing

-USB

Data transferring

-Optical Adapter

Easy to replace and clean with lower cost

Auto Diagnosis and Auto Correction

-Optical adapter detection and protection

AE2300 triggers the alarm when light injection has been found at the optical adapter.

-Optical adapter connection detection

Warning is provided if optical adapter is stained in order to avoid influencing the test result.

-Self calibration and correction

Auto calibration function could self-calibrate the instrument after using a certain period of time.

Visual Fault Locator(VFL)

High power visual fault locator could be used to locate fiber and find out the break out point within fiber.

Specification

Parameters	
Distance	3m~200km
Pulse Width	5ns~20µs
Measurement Time	User-defined
Distance Uncertainty	±(0.5m + 0.0001%×Distance + Sampling Resolution)
Attenuation Accuracy	±0.005dB
Loss Threshold	0.001dB
Loss Resolution	0.001dB
Distance Resolution	0.05m
Linearity	0.03dB/dB
Sampling Points	128000
General	
Display	4.3" 16:9 TFT Touch Screen
Data Storage	>3000
Optical Adapter	FC/PC, SC/PC
Interface	USB, RJ45
Power Supply	AC/DC Adapter, Input AC90-240V ±10%, Output 12V
Operating Temperature	-10 °C ~ 50 °C
Storage Temperature	-40 °C ~ 85 °C
Relative Humidity	<80%
Weight	<1kg
Battery	Lithium Battery; Charging <4 hours, Operating time >8 hours
Accessory	
SC/PC Adapter	1
AC Adapter	1
Quick Operating Guide	1
Package Bag	1
Disc	Toolbox Software and User Manual