



AV-2000B OTDR



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Description

AV- 2000B series optical time domain reflectometer is a new generation of portable and intelligent measuring instrument designed by AVEIS COMMUNICATION (SHENZHEN) CO., LTD. for testing optical fiber communication system. Adopt 5.8 inch color touch screen, button/ touch dual operation; Internal integration of eight major functional modules, multi-functional integration to help customers effectively solve the field test and maintenance; The highest 45 dB dynamic range, can penetrate optical splitter, effective PON network testing; Intelligent power-saving management, 20 hours long standby, efficient protection of test dimension Continuous.

Feature

- High performance test.

5.8 inch color TFTLCD display,
Touch/ key dual operation
Dynamic range: 32/30dB
Less than 0.8 meters ultra
Short event blind area
Testing optical fiber jumper freely
Link optical nondestructive testing
Signal optical detection function
(Effective protection of APD)

- Multifunctional test - Standard configuration.

OTDR
Stable laser source
Visual red light fault location (VFL)
Optical power meter (OPM)

- Multifunctional test - high configuration.

Intelligent Optical Link Mapper [iOLM]
Optical fiber end face detection

Optical loss test
 Fault location

- Convenient operation.

One key automatic test
 Unique diagnostic function for test
 Multi wavelength simultaneous testing function
 Ethernet Remote control

- Convenient data processing.

English and Chinese input function
 Automatic data storage
 SOR Batch processing
 Remote upgrade function
 IOT Cloud Platform soon

- High reliability

20h super long standby
 1.5 meter drop test
 Waterproof and splash proof
 Operating temperature -10°C~50°C

Specification

Product	Multi-Function Optical Time Domain Reflectometer	
Model	AV-2000B	
Fiber type	SMF	
Display	5.8 inch color LCD with touch screen	size: 227 mm *160 mm *70mm
Wavelength(nm)	1310/1550	
Maximum dynamic range(dB)	32/30	
Event dead zone(m)	1	
Attenuation dead zone(m)	6	
Measuring range	500m /1 km /2 km /4 km /8 km /16 km /32 km /64 km /128 km /256km	
Measuring pulse width	5ns/ 10ns/ 50ns/ 160ns/ 320ns/ 500ns/1000ns/ 5000ns/ 1000ns/ 2000ns	

Ranging accuracy	$\pm (0.75\text{m} + \text{Sampling interval} + 0.005\% \times \text{Test distance})$
Loss precision	$\pm 0.05\text{dB}$
Reflection accuracy	$\pm 3\text{dB}$
Data storage	≥ 2000
Interface type	FC/ PC (Replaceable SC, ST)
Communication interface	USB, mini-USB, 10M/100M Ethernet
VFL output	$\geq 5\text{mW}$

Application:

It is mainly used to measure the length, loss and connection quality of all kinds of optical fibers and cables, and can be widely used in engineering construction, line maintenance and testing, emergency repair, and the development and production of optical fibers and cables.

Note:

Information of products can be printed or stick to the pack according to requirements.

Please visit our website for the further information: www.Aveisftth.com

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