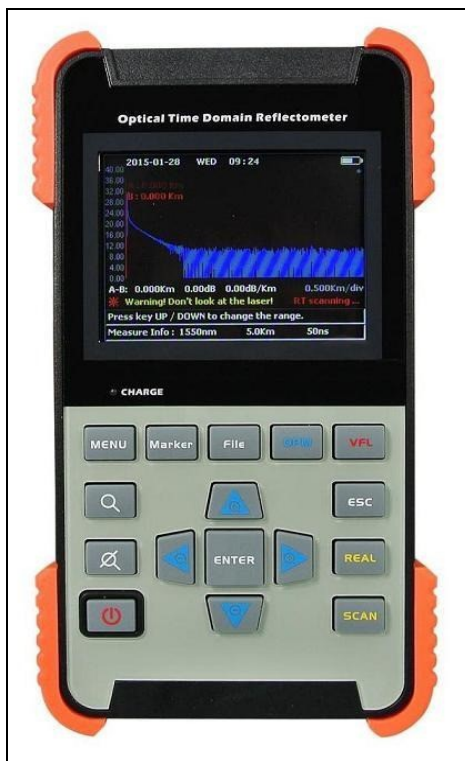


## GENERAL DESCRIPTION

The worldwide spread of broadband service has stimulated the installation of optical fiber in metro and access networks, which in turn has increased the demand for portable and reliable test equipment to aid the installation and maintenance of these networks. An automated measurement function increases working efficiency, with a rugged design, AT500 series OTDR are built for top ruggedness and versatility, perfect for the harshest test conditions to verify the continuity and evaluate signal characteristic quality over the fiber network.



- Automatic one-button testing
- Easy to operate for beginners and experts
- Integrated PALM design, small and light, easy to carry
- Short dead zone (1.5m)
- High performance & easy to use OTDR
- High speed signal processing, short test time and fast analysis
- Internal memory can store up to 10000 waveforms
- USB port connect to PC
- Input laser signal auto detection and self-protection function
- Built-in VFL
- User-friendly OTDR simulation software shows details of events
- Improved waveform quality
- High contrast color TFT LCD

**ANDA Telecom Pvt. Ltd.**

ISO 9001:2000 Certified Company

Registered office : E-36, Amar Colony, Lajpat Nagar-IV, New Delhi - 110024, INDIA

Phone : +91 11 41323629, +91 93 502 57173

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Model No	AT-500-S	AT-500-A	AT-500-B
Dynamic Range*	24dB / 22dB	28dB / 26dB	32dB / 30dB
Wavelength	1310 ± 20nm / 1550 ± 20nm		
Event Dead Zone **	1.5m		
Attenuation Dead Zone	8.0m		
Pulse Width	10ns, 25ns, 50ns, 100ns, 250ns, 500ns, 1us, 2.5us, 5us		
Distance uncertainty	±(1.0m ± 0.005% * testing distance ± resolution)		
Linearity	±.05dB/ dB		
Loss Resolution	0.001dB		
Distance Resolution	1m		
Connector	FC	FC, SC	FC, SC
VFL	1mW		
Data Storage	> 10000 traces (standard 1GB SD card)		
Display	3.5 inch TFT color LCD		
Interface	USB		
Battery	Built-in rechargeable battery		
Working Time	>10 hrs (Bellcore TR-NWT-001138)		

\* pulse width 10us, average time > 5 minutes, SNR=1, 23°C ± 2°C  
 \*\* pulse width 10ns, terminal reflection loss > 40dB

### GENERAL SPECIFICATIONS

Size(H*W*D)	197mm * 107mm * 67mm
Weight	About 750g
Storage Temperature	-20 -- +60 °C, < 90%RH
Operating Temperature	-10 -- +50 °C, < 90%RH

### ACCESSORIES

#### Standard

OTDR Main unit*1	USB cable*1
AC/DC adapter with power cord*1	SD card*1
Operation guide*1	SC interchangeable connector*1 (optional for AOR500-S)
Carrying bag*1	Certificate of Calibration*1

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