

# Palm OTDR

## AOR500

- ◆ Automatic one-button testing
- ◆ Easy to operate for beginners and experts
- ◆ Input laser signal auto detection and self-protection
- ◆ Integrated PALM design, small, light, easy to carry
- ◆ High contrast color TFTLCD
- ◆ USB port for PC connection
- ◆ Built-in VFL
- ◆ High speed signal processing, short test time and fast analysis
- ◆ User-friendly OTDR simulation software shows details of events

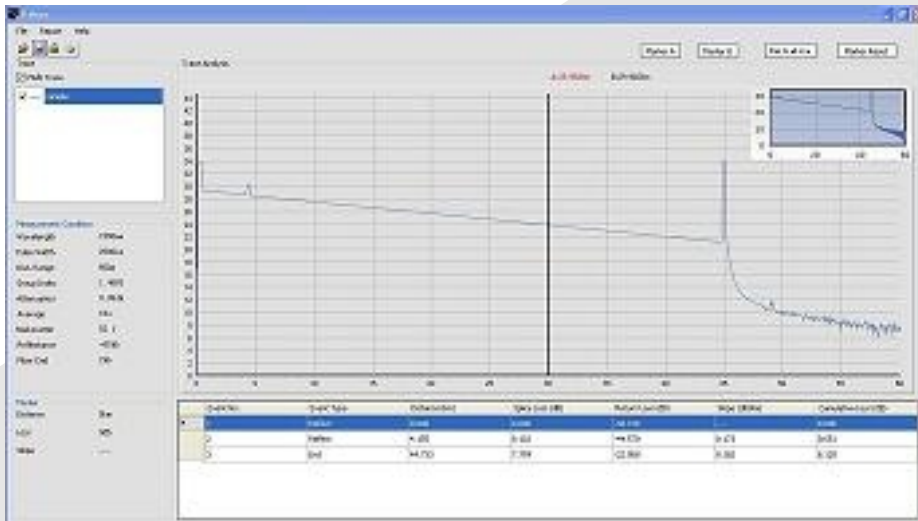


CE  
FDA

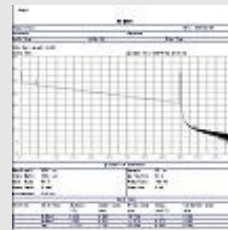


- 1 Anti-dust cover
- 2 LCD
- 3 Power button
- 4 USB interface
- 5 TF(micro SD) card slot
- 6 DC Socket
- 7 Battery cover
- 8 VFL
- 9 OTDR

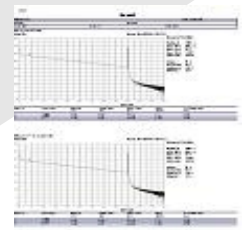
**DELICATE REPORT**



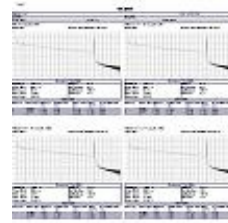
Smart PC Software



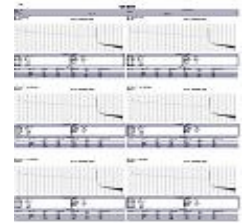
1 in 1



2 in 1



4 in 1



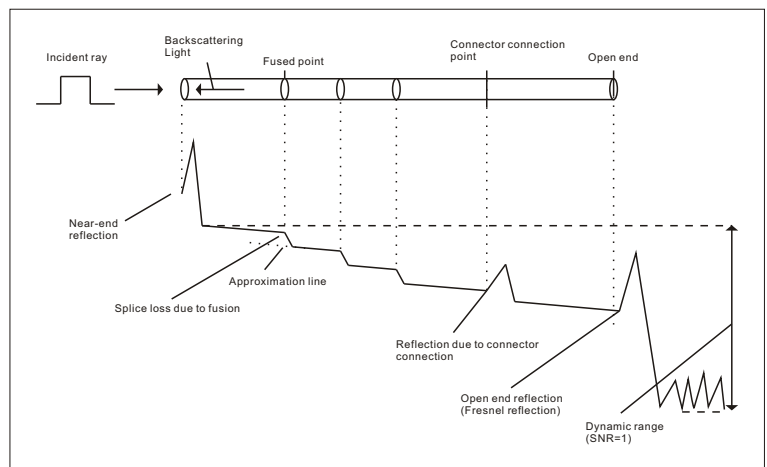
6 in 1



\*.sor  
USB



**OTDR TESTING**



## SPECIFICATIONS

Model	AOR500-S	AOR500-A	AOR500-B	AOR500-PB
Dynamic Range*	24dB / 22dB	28dB / 26dB	32dB / 30dB	35dB / 34dB/34dB
Max.Distance**	80km	100km	120km	120km
Wavelength	1310/1550nm	1310/1550nm	1310/1550nm	1310/1550/1625nm, 1625nm with filter
Event Dead Zone***	1.5m			
Attenuation Dead Zone	8.0m			
Pulse Width	10ns, 25ns, 50ns, 100ns, 250ns, 500ns, 1us, 2.5us, 5us, 10us			
Distance uncertainty	$\pm(0.8m \pm 0.001\% * \text{testing distance} \pm \text{resolution})$			
Loss Resolution	0.001dB			
Min.Distance Resolution	1m			
Connector	FC/PC (1310/1550), FC/APC (1625) interchangeable adapter or customize			
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)			

## ACCESSORIES

### Standard



Carrying bag



Calibration certificate



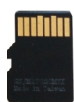
Manual



AC/DC adapter



USB cable



SD card

## 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

### Optional

FC



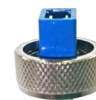
FCU=FC/UPC  
FCA=FC/APC

SC



SCU=SC/UPC  
SCA=SC/APC

LC



LCU=LC/UPC