

## OT-8600

## Palm OTDR

The Palm OTDR (OT-8600) is a new miniature high performance optical time domain reflectometer which is designed as fiber troubleshooter for locating fiber connector, break and imperfections for access networks. It detects event locations along the optical fiber and displays the results on a color LCD display. This Palm OTDR is light, reliable and easy to use, hence it is ideal for FTTx testing.

The Application Software equipped is used for data analysis, processing and storage. With the RS-232 and USB Interface ports, enabling OT-8600 to transfer test data to computer and printer easily.



### Application

- Splicing loss detection
- Fiber fault event locating
- Acceptance test
- Break point location
- Fiber length measurement
- On-line monitoring

### Features

- Light, compact, cost-effective, portable and reliable
- Back-light LCD color display
- Over 5000 times measurement
- Application software for data analysis
- Rugged, handheld and easy to use
- RS-232 and USB ports for data transfer
- Low battery alert on screen
- Visual fault locator (optional)

*Note: All specifications are subject to change without notice*



## General Specifications

Dimensions	225 (L) x 120 (W) x 55 (H) mm (with rubber bumper)
Weight	850 g
Temperature	Operating: 0 ~ +50 C degree Storage: -20 ~ +60 C degree
Humidity	5 ~ 95 % (non-condensing)
Power Supply	4 AA Size Alkaline 1.5 Volt Batteries

## Technical Specifications:

Item \ Model	OT-8610	OT-8620
Wavelength	1310 ± 20 nm	1550 ± 20 nm
Dynamic Range (dB)	8	7
Fiber Under Test <sup>2</sup>	9/125µm single mode fiber	
Measuring Time / each times	< 20 Sec	
Pulse Width	Auto Setting	
Event Dead Zone <sup>3</sup>	< 5 m	
Attenuation Dead Zone <sup>4</sup>	< 20 m	
Power Supply	4 AA Size Alkaline 1.5 Volt Batteries	
Distance Accuracy	±( 2 m + 2 x10 <sup>-5</sup> Distance + Marker Resolution)	
Loss Accuracy	± 0.1 dB/dB	
Number of Trace Storage	50	
Communication Port	RS-230 / USB	
Visual Fault Locator <sup>5</sup>	650 nm / ? -3 dBm/ 1 HzRemarks:	

### Remarks:

1. All specs are subject to change without notice.
2. Test with Corning SMF-28
3. Reflective type connection could be normal adaptive connectors, normal mechanical splice connections or high return loss fiber breakage faults.
4. Non-Reflective type connection could be fusion splice connection or excessive bending point or fiber breakage faults.
5. VFL is Optional.