

Fiber Pal™ Mini OTDR

OT - 8887P

OT-8887P instrument is compact, cost-effective, portable and high dynamic range Mini Optical Time Domain Reflectometer (OTDR). By providing all the measurement functions and performance required for optical fiber construction and maintenance, it is designed for full-range fiber fault detection to solve FTTx, CATV and optical LANs problems.

FiberPal™ Mini OTDR



- Fault event(s) analysis
- Real-Time status display
- 7" Color TFT LCD Touch Screen
- High resolution and dynamic range
- Mapping function with actual position display
- Rugged, Sealed design for most challenging environments
- Portable, and User friendly interface
- USB ports for data transfer and storage
- Powered by rechargeable Li-ion battery or AC/DC adaptor
- Modulated Light Source and Power Detection function
- 650nm Visual Fault Locator (VFL)

- Splicing loss detection
- Fiber attenuation measurement
- Fiber acceptance test
- Fiber break point locating
- Fiber length measurement
- On-Line monitoring
- Fiber identification

| Model | OT-8887P |
|------------------------|--|
| Wavelength | 1310nm($\lambda \pm 20\text{nm}$) / 1550nm ($\lambda \pm 20\text{nm}$) |
| Dynamic Range | 1310nm = 42 dB , 1550nm =40 dB 1625nm =38 dB |
| Pulse Width | 5 ns, 10 ns, 30 ns, 100 ns, 300 ns, 1 μs , 3 μs , 10 μs , 20 μs , Auto |
| Fiber | 9/125 μm single mode fiber |
| Connector | FC / PC or SC / PC |
| Event Dead Zone | < 1m |
| Attenuation Dead Zone | < 5 m |
| Sampling Resolution | <= 5 cm |
| Max. Sampling Point | 128K |
| Distance Accuracy | $\pm (1\text{m} + 3 \times 10^{-5} \times \text{distance} + \text{marker resolution})$ (Fiber index error not included) |
| Attenuation Meas. Accu | $\pm 0.04 \text{ dB/dB}$ |
| Reflectance Meas. Accu | $\pm 2 \text{ dB}$ |
| Max. Display | 240 km (150 miles) |

Remark:
All specs are subject to change without prior notice.

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|-------------|--|
| Dimensions | 310 (L) x 200 (W) x 85 (H) mm (With Bumper) |
| Weight | 2.9kg |
| Temperature | Operating: 0 to +50°C Storage: -10 to +60°C |
| Humidity | 0 to 85 % (non-condensing) |

- One power adaptor (AC 110-240V/DC 15V 2.66 A)
- One touch pens
- One carrying bag
- One USB cable
- One CD with data analysis software (manual) / unit instruction manual
- One pack of cotton swabs
- Two bumper covers
- One calibration certificate

Quality Assured & Standard Certified

- ISO 9001
- TL 9000
- ISO 14000
- ISO 17025 (Lab)

