



Precision Rated Optics

Work with a **PRO!**

FiberOpticPRO.com

PRO - 3533 OTDR

Handheld OTDR



1310/1550 Wavelength
35/33dB

PRO-3533 is a portable OTDR which is stable + durable and aims at broadcast and telecommunications network measurement. It is also the first OTDR to achieve data share of point-to-point and point-to-multi-point via internet. Use can remotely control this instrument via PC when conducting fiber maintenance and testing.

Features

- Remotely control the instruments via internet*
- 6.4" color TFT LCD
- Convenient one-button testing
- High-speed signal processing, less measurement time, and faster result analysis
- USB port, SD card slot, and Ethernet Port
- Compact and lightweight
- Shock and water proof, the battery typically exceeds 10 hours of working time
- Linux operating system for easy upgrade
- Battery is changeable, on site
- Supporter for hand-free testing
- Anti-shock rubber protection

ORDERING INFORMATION

| Type | wavelength (nm) | dynamic range (dB) | event dead zone (m) | attenuation dead zone (m) |
|----------|-----------------|--------------------|---------------------|---------------------------|
| PRO-3331 | 1310±20/1550±20 | 33/31 | <1.5m | <10m |
| PRO-3533 | 1310±20/1550±20 | 35/33 | <1.5m | <10m |
| PRO-3735 | 1310±20/1550±20 | 37/35 | <1.5m | <10m |

Included Accessories

OTDR, AC-DC power adapter/charger, FC adapter, SC adapter, Manual, USB cord, Carrying bag, Toolbox software CD, SD card (1gb)

SPECIFICATIONS

| | |
|--------------------------|---|
| Distance | 5m-200km |
| Pulse width (ns) | 5ns-20 μ s |
| Measurement time | user-defined (smart link) with real-time measurement function |
| Distance uncertainty (m) | $\pm(0.5m \pm 0.001\% * \text{testing distance} \pm \text{resolution})$ |
| Linearity | $\pm 0.05\text{dB/dB}$ |
| Loss threshold (dB) | 0.01dB |
| Loss resolution (dB) | 0.001dB |
| Distance resolution (m) | 0.1m |
| Sampling points | 64000 |
| Data storage | 1000 items (FHO3502L/FHO3502) 2000 items (FHO3502H) |
| Display | 6.4 in TFT color LCD |
| Fiber adapter | FC/PC SC/PC |
| Interface | USB (principal and subordinate each), SD, RJ45 |
| Battery | built-in rechargeable Li-ion battery (charging time <4 hrs, working time >10 hrs) |
| Power | AC/DC adapter (Input AC90-240V \pm 10%, Output DC 18V) |
| Operating temp | -10 $^{\circ}$ C~40 $^{\circ}$ C (14 $^{\circ}$ F~104 $^{\circ}$ F) |
| Storage temp | -40 $^{\circ}$ C~70 $^{\circ}$ C (-40 $^{\circ}$ F~158 $^{\circ}$ F) |
| Humidity | <80% |
| Weight | <2.5Kg (<5.51 lbs) |
| Dimensions | 248 x 201 x 75mm (9.76 x 7.91 x 2.95 in) |

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