



# Precision Rated Optics

Work with a PRO!

## PRO-6350 Series OTDR



The PRO-6350 Series is a compact multi-functional platform, specially designed for FTTx/WAN applications and can meet all test requirements of installers, contractors and service operators during network installation, construction, maintenance and troubleshooting. It is convenient and accurate for auto/manual testing, multi-wavelength testing and multifunctional analysis.

### Features

- 7" TFT, Color Touchscreen Display
- Flexible File Naming
- Auto/Manual Test and Analysis
- High Dynamic Range up to 50dB
- LAN/WAN/FTTx Application
- Built-in VFL/PowerMeter/Stable Light Source

### SPECIFICATIONS

Display	7" TFT-LCD Touchscreen
Connectivity	USBx2; 10/100Mbit/s RJ-45x1
Memory	2GB
Connectors	FC (Interchangeable SC, ST and LC)
Power Supply	Rechargeable Li-Ion Battery/AC Adapter
Battery Life	10 hours continuous operation
Operating Temp.	-4° F ~ 122° F (-20° C ~ 50° C)
Storage Temp.	-40° F ~ 140° F (-40° C ~ 60° C)
Environmental Conditions	0 ~ 95% RH (Humidity, Non-Condensing)
Weight & Dimensions (HxWxD)	11.4" x 6.8" x 2.9" / 4.6 lb (290 x 175 x 75mm / 2.1kg) (Battery Included)

### OTDR with VFL

Selectable Range	SM: 1.3, 2.5, 5, 10, 20, 40, 80, 160, 240Km MM: 1.3, 2.5, 5, 10, 20, 40Km
Pulse Width	SM: 5ns, 10ns, 30ns, 100ns, 300ns, 1µs, 2.5µs, 10µs, 20µs MM: 5ns, 10ns, 30ns, 1µs, 2.5µs
Visual Light Source	Output Power: ≥ -3dBm; MOD Frequency: 1 Hz; Detection Range: 5Km
Event Dead Zone (m)	0.8 (1.5 for Quad Module)
Attenuation Dead Zone (m)	4.5 (8/8/10/10 for Quad Module)

### Optical Power Meter

CAL Wavelength	850, 1300, 1310, 1490, 1550, 1625, 1650nm (±20nm)
Power Range (dBm)	-70 ~ +6 (-60 ~ +6 @ 850nm)
Accuracy	± 5% ±0.01nW (±0.5dB@850nm)
Detector Type	InGaAs
MOD Identification	270, 1K, 2K Hz
Resolution	0.01dB

### Stabilized Light Source

Wavelengths	Same as OTDR's
Emitter Types	FP-LD@1310, 1490, 1550nm; DFB-LD@1625nm
Output Mode	CW, 270Hz, 1KHz, 2KHz
Spectrum Width	≤ 5nm
Output Power	≥ -7dBm
Power Stability	± 0.05dB/15min; ± 0.10dB/8hr
Connectors	FC/UPC (Interchangeable SC, ST)

### Video Inspection Probe

Field of View	400µm x 300µm
Resolution	≤ 1.5µm
Focusing	Manual Focus
Hand-Probe Dimensions	ø32mm x 175mm

### Ordering Information

PRO-6350-TS-D38	Mini OTDR 1310/1550nm 38/37dB
PRO-6350-TS-D45	Long-haul OTDR 1310/1550nm 45/43dB
PRO-6350-TS-D50	Long-haul Plus OTDR 1310/1550nm 50/48dB
PRO-6350-TS-T38	Tri-wave OTDR 1310/1550/1625nm 38/38/37dB
PRO-6350-TS-T42	Tri-wave OTDR for PON 1310/1550/1625nm 42/41/40dB
PRO-6350-TS-T40	Tri-wave OTDR for PON 1310/1550/1650nm 42/40/39dB
PRO-6350-TS-Q23	Quad OTDR 850/1300/1310/1550nm 23/36/38/36dB

### PRO-6350 Series Standard Package Includes:

OTDR, Lithium Battery, Manual and/or Software Download Card, Data Cable, Carrying Case, Warranty card, Calibration Certificate