

General Description

Power meters are among the most essential tools for technicians installing or maintaining optical fiber networks. PDR power meters are well designed for all kinds of demanding applications in fiber measurement and network measurement, with a range of functions and parameters. With a palm-sized design, the PDR60 series power meters are built for total handheld use and pocket carrying — perfect for FTTH in-house narrow test conditions to verify continuity and evaluate fiber link transmission quality.



Key Features

- LED light
- Wide measurement range, high resolution
- SM or MM applications
- 2.5 mm universal connector
- 850 / 1300 / 1310 / 1490 / 1550 / 1625 nm
- Auto power off (can be cancelled)
- Power autonomy of 100 hours (OPM)
- One-year warranty and three-year recommended calibration interval

PDR VIDEOTRONICS (INDIA) PRIVATE LIMITED

ADDRESS

99, Old Prabhadevi Road
Mumbai 400 025, India

CONTACT

T: +91 22 2430 6494 / 2430 9536 / 2436 1647
M: +91 86910 00897 / 95946 56333

ONLINE

E: info@pdrworld.com
W: www.pdrworld.com

Technical Specifications

Parameter	Specification
Display Range	PDR60T — 1310/1490/1550/1625: +6 ~ -70 dBm; 850/1300: +6 ~ -60 dBm PDR60C — 1310/1490/1550/1625: +26 ~ -50 dBm; 850/1300: +26 ~ -40 dBm
Accuracy*	±0.2 dB
Calibrated Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1625 nm
Display Resolving Power	0.01 dB
Linearity	±0.2 dB
OPM Connector	2.5 mm universal
VFL Connector	2.5 mm universal (optional)
VFL Output	1 mW or 10 mW, CW and Glint (optional)
LED Light	SOS code output (optional)
Automatic Power Off	No operation in 10 minutes (can be cancelled); low battery energy
Battery Charge	Yes
Battery Life	Above 100 hours (OPM)
Power Supply	AA × 2 batteries or AC/DC power supply adapter
Size	105 mm × 52 mm × 34 mm
Net Weight	About 100 g
Storage Temperature	-20 ~ +60 °C, <90% RH
Operating Temperature	-10 ~ +50 °C, <90% RH

Applications

- FTTH in-house installation and continuity testing
- Optical fiber network installation and maintenance
- Fiber link transmission quality evaluation
- Single-mode and multimode fiber measurement
- Field service and troubleshooting by technicians

Ordering Information

Standard Package Contents

Item	Quantity
Mini Optical Power Meter PDR60	1
Packing Box	1
Certificate of Calibration	1
2.5 mm to 1.25 mm Adapter (optional)	1

* Accuracy measured at 20±3 °C, CW, with FC connector, -10 dBm. Model variant (PDR60T / PDR60C) and optional accessories are specified at time of order.

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