Optical Power Meter K-510

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K-510 optical power meter handheld tester

Key Features

- Two detector grades: −70 to +6 dBm (A) or −50 to +26 dBm (B)
- Eight calibrated wavelengths, including 1577 nm for XGS-PON
- Linear (nW) and logarithmic (dBm) readings on one screen
- Wavelength memory, user calibration and user zeroing
- High-brightness LED light and low-light display mode
- Dry-cell or rechargeable Li-ion versions; USB charging on Li-ion
- SC / FC / ST interfaces; auto power-off after 10 minutes

Specifications

Measurement range	-70 to +6 dBm (A detector) or -50 to +26 dBm (B detector)
Display	Monochrome, backlight with auto-off
Power supply	Dry cell (A1/B1) or Li-ion battery (A2/B2), USB charging on Li-ion versions
Dimensions	118 × 72 × 32 mm
Weight	150 g
Detector	InGaAs
Wavelength range	800–1700 nm
Standard wavelengths	850 / 980 / 1300 / 1310 / 1490 / 1550 / 1577 / 1625 nm
Uncertainty	±0.15 dB
Display resolution	0.001 dB
Connector	SC / FC / ST interfaces
Operating temperature	-10 °C to +60 °C

More Views



Side view — the flip-out desk stand

In Use

Pick the wavelength (the meter remembers it), zero it, and read linear and logarithmic values on the same screen. User calibration keeps a fleet of meters reading alike.

Private Label & OEM

Supplied in neutral, unbranded stock as standard. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the inner boxes and outer cartons, so the goods arrive ready for your warehouse. Custom barcode & contract labeling is applied to every inner box and outer carton to your receiving specification.

In the Box

Optical Power Meter K-510 main unit (build as ordered); Carry pouch.