Handheld Fiber Optic Tester D5 · OPM with LED and RJ45 Tester · AAA Battery Powered

Fiber Optics / Fiber Testing & Splicing Equipment

KONGIA D5 3-in-1 optical meter with -50 to +26 dBm OPM, LED lighting and RJ45 tester with removable remote. Runs on 2 AAA alkaline batteries and does not support recharging.

KG-FT-OPM3IN1-D5

Brand
KONGIA

Functions
Optical power meter (OPM), LED lighting and RJ45 tester

Optical power range
-50 to +26 dBm

Key features

- Three functions: OPM, LED lighting and RJ45 tester.
- Powered by 2 AAA alkaline batteries; does not support recharging.
- Optical power range from -50 to +26 dBm and InGaAs detector.
- Ten calibrated wavelengths and memory for up to 500 records.
- Stated accuracy of ±0.2 dB and manual calibration.
- Removable RJ45 remote with 1-8 sequence indicators.
- Backlit display and automatic shutdown after 10 minutes on standby.
- Compact format: 113 × 63 × 26 mm; approximately 120 g.

Technical specifications

Parameter	Specification
Brand	KONGIA
Model	D5
Functions	Optical power meter (OPM), LED lighting and RJ45 tester

Technical specifications

Parameter	Specification
Optical power range	-50 to +26 dBm
Detector	InGaAs
Spectral range	800-1700 nm
Calibrated wavelengths	850, 980, 1270, 1300, 1310, 1490, 1550, 1577, 1625 and 1650 nm
Stated accuracy	±0.2 dB; supports manual calibration
Logarithmic resolution	0.01 dBm
Linear resolution	0.1%
Optical interface	Universal 2.5 mm; optional LC adapter
Memory	Up to 500 records
RJ45	Wire continuity and sequence testing with 1-8 indicators
RJ45 remote module	Removable and integrated into the base
Illumination	Auxiliary LED
Screen	Backlit LCD
Power Supply	2 AAA alkaline batteries (LR03)
Recharging	Does not support recharging
Automatic shutdown	After 10 minutes on standby
Operating temperature	-10 to +60 °C
Storage temperature	-25 to +70 °C
Equipment dimensions	113 × 63 × 26 mm
Device weight	Approximately 120 g
Package dimensions	Approximately 128 × 94 × 36 mm
Set weight	Approximately 150 g

Applications

FTTH installations
Optical power measurement during link installation and inspection.

Network Cabling
RJ45 wire continuity and sequence testing using the removable remote.

Field maintenance
Measurement reading and connection inspection with a backlit display and auxiliary LED.

Test Patch Cord Inspection
Check the optical level with a compatible external source before using a patch cord as a maintenance reference.

Packaging & contents

1 KONGIA D5 meter with integrated RJ45 remote module, 1 strap, user guide, quality control card and box. The LC adapter is optional. Charging cable not included; the device does not support recharging. Box: approximately 128 × 94 × 36 mm. Set weight: approximately 150 g.