High-Precision Rechargeable Optical Multimeter · OPM + 10 mW VFL + LED + RJ45 4-in-1 Tester

Fiber Optics / Fiber Testing & Splicing Equipment

KONGIA 4-in-1 rechargeable optical multimeter: -50 to +26 dBm power meter, 10 mW VFL, LED lighting and RJ45 tester with removable remote module.

Multímetro óptico 4 en 1
OPM + VFL de 10 mW + LED + RJ45

KG-FT-OPM4IN1-DC5010

Brand
KONGIA

Functions
Optical power meter (OPM), visual fault locator (VFL), LED lighting and RJ45 tester

Optical power range
-50 to +26 dBm

Key features

- Four functions for fiber and network cabling installation and maintenance.
- InGaAs detector with 10 calibrated wavelengths and memory for up to 500 records.
- 650 nm, 10 mW VFL for visually locating fiber faults.
- RJ45 continuity and wire sequence testing with eight indicators and removable remote.
- Built-in lithium battery, USB-C charging and shutdown after 10 minutes on standby.
- Backlit display, auxiliary LED light and compact design weighing approximately 120 g.

Technical specifications

Parameter	Specification
Brand	KONGIA
Model	OPM4IN1-DC5010
SKU	KG-FT-OPM4IN1-DC5010
Functions	Optical power meter (OPM), visual fault locator (VFL), LED lighting and RJ45 tester
Optical power range	-50 to +26 dBm

Technical specifications

Parameter	Specification
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
VFL	Nominal power of 10 mW; wavelength of 650 nm
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	Built-in rechargeable lithium-ion battery
Charging	USB-C
Automatic shutdown	After 10 minutes on standby
Operating temperature	-10 to +60 °C
Storage temperature	-25 to +70 °C
Equipment dimensions	113 x 63 x 26 mm
Device weight	Approximately 120 g
Package dimensions	Approximately 128 x 94 x 36 mm
Set weight	Approximately 150 g
Warranty	5 years

Applications

FTTH installations
Optical power measurement and link testing.

Fiber maintenance
Visual fault location using VFL.

Network Cabling
RJ45 wire continuity and sequence testing.

Field work
Auxiliary lighting and compact rechargeable device.

Packaging & contents

1 KONGIA OPM4IN1-DC5010 multimeter with integrated RJ45 remote module, 1 USB-A to USB-C charging cable, 1 strap, user guide, quality control card and box. Optional LC adapter, not included in the set shown.

Warranty

KONGIA 5-year warranty.