

Mini 4-in-1 Fiber Optic Multimeter · OPM -50 to +26 dBm + VFL + RJ45 Network Cable Tester + LED

Fiber Optics / Fiber Testing & Splicing Equipment

Compact KONGIA 4-in-1 optical multimeter with OPM measurement from -50 to +26 dBm, built-in VFL, RJ45 wire sequence testing and LED lighting. Its orange housing, physical buttons and removable remote module facilitate fiber and cabling tests in the field.



OMT-4IN1-D0550Y
-50 a +26 dBm | OPM + VFL + RJ45 + LED



Multímetro óptico 4 en 1
OPM · VFL · RJ45 · Iluminación LED

KG-FT-OMT-4IN1-D0550Y

Brand
KONGIA

Type
Portable 4-in-1 optical multimeter

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

Key features

- Four integrated functions for installation and maintenance: OPM, VFL, RJ45 and LED.
- OPM range from -50 to +26 dBm and spectral range from 800 to 1700 nm.
- Stated measurement error of ± 0.2 dB and adjustment via manual calibration.
- SC, FC and ST optical connectivity.
- RJ45 wire sequence and continuity testing with 1-8 indicators and removable remote module.
- Distinctively shaped physical buttons for function access.
- Orange housing with silicone cover and grip sides.
- Dry-cell or lithium battery power options, depending on configuration.

Technical specifications

Parameter	Specification
Brand	KONGIA
Model	KG-FT-OMT-4IN1-D0550Y

Technical specifications

Parameter	Specification
Type	Portable 4-in-1 optical multimeter
Functions	Optical power meter (OPM), visual fault locator (VFL), RJ45 tester and LED lighting
Color	Orange / yellow
Application	Fiber optic and network cabling tests
Specified fiber type	Single-mode single fiber
OPM spectral range	800-1700 nm
Optical power range	-50 to +26 dBm
Stated measurement error	±0.2 dB, with manual calibration
Optical connectors	SC / FC / ST
VFL	Integrated
Available VFL power levels	5 / 15 / 20 / 30 mW, depending on configuration
RJ45 tester	Wire sequence and continuity via removable remote module
RJ45 indicators	Numbered 1 to 8
Illumination	Auxiliary LED
Controls	Physical power, UNIT, LIGHT, λ, REF and LED keys
Specified external power supply	DC 5 V / 1 A
Battery versions	Dry-cell or lithium battery, depending on configuration
Alkaline battery configuration	3 1.5 V AA batteries
Exterior protection	Housing with silicone cover and grip sides
Warranty	5 years

Applications

Fiber Installation

Optical power measurement in single-mode links.

Optical Maintenance

Visual fault location using VFL.

Network Cabling

RJ45 wire sequence and continuity testing.

Field work

Auxiliary LED light and protective housing with side grips.

Packaging & contents

KONGIA KG-FT-OMT-4IN1-D0550Y multimeter with RJ45 remote module. Adapters, cables, batteries and packaging according to the supplied configuration.

Warranty

KONGIA 5-year warranty.