

FTTH Fiber Optic Tester KONGIA Y510A OPM with LED, 10 Wavelength Optical Power Meter

Fiber Optics / Fiber Testing & Splicing Equipment

KONGIA Y510A optical power meter for FTTH installation and maintenance, with a range from -50 to +26 dBm, 10 selectable wavelengths, backlit display, LED lighting and memory for 500 readings.



MEDIDOR DE POTENCIA ÓPTICA

-50 a +26 dBm • 10 Longitudes de Onda

KG-FT-OPM-Y510A

Brand
KONGIA

Type
Fiber Optic Tester / Optical Power Meter (OPM)

Power range
-50 to +26 dBm

Key features

- Measurement range from -50 to +26 dBm with an InGaAs detector.
- 10 wavelength settings between 850 and 1650 nm, retained when powered off.
- Stores up to 500 readings for review.
- Backlit display and LED lighting for working in low-light areas.
- Reference, relative measurement and user self-calibration via the keypad.
- 2.5 mm interface for SC, FC and ST; LC via optional adapter.
- Runs on 2 AA batteries and shuts down after approximately 10 minutes on standby.
- KONGIA 5-year warranty.

Technical specifications

Parameter	Specification
Brand	KONGIA
Model	Y510A
SKU	KG-FT-OPM-Y510A

Technical specifications

Parameter	Specification
Type	Fiber Optic Tester / Optical Power Meter (OPM)
Power range	-50 to +26 dBm
Detector	InGaAs
Wavelength range	850-1650 nm
Selectable wavelengths	850, 980, 1270, 1300, 1310, 1490, 1550, 1577, 1625 and 1650 nm
Reference accuracy	±0.2 dB
Logarithmic resolution	0.01 dBm
Optical interface	Universal 2.5 mm; interchangeable FC and SC adapters
Compatible connectors	SC, FC and ST; LC requires an optional adapter
Data memory	Up to 500 readings
Wavelength memory	Retains the setting when powered off
Measurement functions	Optical power, reference and relative measurement; user self-calibration
Display and lighting	Backlit LCD and auxiliary LED lighting
Automatic shutdown	Approximately 10 minutes on standby
Power Supply	2 AA batteries (No. 5); non-rechargeable device
Material	Metal and plastic
Reference dimensions	180 x 89 x 42 mm
Reference net weight	Approximately 170 g
Packaging dimensions	Approximately 196 x 97 x 54 mm
Weight with packaging	Approximately 220 g
Warranty	5 years

Applications

FTTH installation

Optical power checks at connection points.

Fiber Link Maintenance

Power measurement and comparison with a reference.

Loss Testing

Testing with a compatible external optical source.

Field work

Measurement reading, auxiliary lighting and results recording.

Packaging & contents

1 KONGIA Y510A meter, FC/SC adapters, 2 AA batteries, user guide, quality control card and box. LC adapter and optical patch cords not included. The quality control card does not represent external certification.

Warranty

KONGIA 5-year warranty.