



Mini tester for fibre optic (OPM and VFL) and data cables

Optical power and data cable tester in a compact, sturdy, ergonomic and low power consumption format. It is used to verify the quality of connections in optical and data networks. It can measure the optical power (OPM) of multiple wavelengths: 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm and 1650nm. Additional features include a flashlight, Visual Fault Locator (VFL) and RJ45 UTP cable testing to verify the transmission of data signals.

This mini tester stands out for the integration of multiple functions in a small, easy-to-carry size. This makes it a really practical accessory for the installer, a versatile solution for several applications.

Ref.	236780
Logical ref.	OPMVFLRJ45
EAN13	8424450304976

Packaging info

Box	1 pcs.
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Physical data

Net weight	104.00 g
Gross weight	134.00 g
Width	67.00 mm
Height	104.00 mm

Depth	26.00 mm
Main product weight	104.00 g

Highlights

- Reliable and accurate measurements thanks to high-performance optical detectors
- Integration of multiple functions in a single device: optical power measurement (OPM), visual fault locator (VFL), RJ45 cable test and flashligh
- Measurement results displayed in different units: dBm, dB, and mW
- Automatic calibration function included to ensure accurate and consistent measurements at all times
- It features a history of up to 50 records, allowing the review or comparison of previous measurements
- Universal 2.5mm optical interface, compatible with SC, FC and ST connectors
- Powered by 3xAAA batteries (not included)
- Can be powered via USB cable, in case the battery runs out

Technical specifications

Specifications:

Display	1,88 " / 4.8 cm
Flashlight	LED
Power Supply	3x AAA Battery / USB-C Port
Operating Temperature	-10 to +50 °C
Storage Temperature	-25 to +70 °C
Relative Humidity	0 - 95 % (non-condensing)
Dimensions (W×H×D)	67 x 104 x 26 mm
Net Weight	104 g
Languages	English
Data storage	50 records

Visual Fault Locator (VFL):

Wavelength	650 ± 30 nm
Output Power	3.5 mW
Distance Range	≤ 5 Km (for single mode (SM) fibre)
Laser Safety Level	3R
Frequency	CW, 1, 2 Hz
Connector	FC/SC/ST - 2.5 mm Ferrule UPP (universal push pull)

Optical Power Meter (OPM):

Wavelength	850, 1300, 1310, 1490, 1550, 1625, 1650 nm
Dynamic Range	-70 to +10 dBm
Accuracy	± 0.35 dB
Resolution	0.01 dB
Units	dBm, mW, dB
Tone detection	CW, 270, 1000, 2000 Hz
Detector	InGaAs
Connector	FC/SC/ST - 2.5mm Ferrule UPP (universal push pull)

Network Cable Tester:

Connectors	RJ45 UTP
Maximum Length	305 m