



## Mini tester for fibre optic (OPM and VLF) 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.

<b>Ref.</b>	236780
<b>Logical ref.</b>	OPMVFLRJ45
<b>EAN13</b>	8424450304976

### Packaging info

<b>Box</b>	1 pcs.
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### Physical data

<b>Net weight</b>	104.00 g
<b>Gross weight</b>	134.00 g
<b>Width</b>	67.00 mm
<b>Height</b>	104.00 mm

<b>Depth</b>	26.00 mm
<b>Main product weight</b>	104.00 g

## Highlights

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- 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:

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

### Visual Fault Locator (VFL):

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

### Optical Power Meter (OPM):

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

### Network Cable Tester:

<b>Connectors</b>	RJ45 UTP
<b>Maximum Length</b>	305 m