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Data Sheet

August 15, 2026

CORNING

Corning OM-410 Optical Power Meter

The Corning OM-410 Optical Power Meter is a handheld device used for measuring optical power in fiber optic systems. It features a user-friendly interface and provides accurate readings for various wavelengths. Ideal for field technicians and network engineers.



MODEL

Corning OM-410

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

OM-410

LISTING

<https://aumictechlabs.com/products/om-410-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Corning OM-410 Optical Power Meter is a handheld instrument for measuring optical power across single-mode and multi-mode fiber networks. Part of the Corning Cable Systems LTK-400 Series, it delivers cost-effective link-loss testing without data storage requirements. The meter features a germanium detector, automatic wavelength detection, and automatic offset nulling under normal operating conditions. Its user-friendly interface and field-interchangeable connector adapters enable rapid deployment in diverse testing environments. Technical Specifications Detector Type: Germanium (Ge) Power Measurement Range: 10 dBm to -60 dBm Calibrated Wavelengths: 830 nm, 850 nm, 980 nm, 1300 nm, 1310 nm, 1450 nm, 1490 nm, 1550 nm, 1590 nm, 1625 nm (10 total) Power Uncertainty: $\pm 5\% \pm 1 \text{ nW}$ (at $23^\circ\text{C} \pm 1^\circ\text{C}$) Resolution: 0.01 dB Tone Detection: 3 Hz, 270 Hz, 1 kHz, 2 kHz, CW, Auto Battery Life: 300 hours typical Operating Temperature: -10°C to 50°C Storage Temperature: -40°C to 70°C Relative Humidity: 0% to 95% non-condensing Dimensions: 19.0 × 10.0 × 6.2 cm Weight: 0.48 kg Key Features Automatic

wavelength detection synchronized with compatible Corning sources Offset nulling operates automatically under standard temperature and humidity conditions Field-interchangeable, screw-on connector adapters - no tools required Selectable signal modulation detection at 270 Hz, 1 kHz, 2 kHz, CW, and Auto Favorite wavelength storage for preferred test frequencies Remote power level referencing with compatible sources Powered by standard AA alkaline batteries or AC adapter Compatibility & Integration Designed for operation with Corning Cable Systems LTK-400 and OTS-400 series sources. Standard accessories include SC and ST compatible meter port adapters, carrying case, AC adapter, and batteries.

OM410 Characteristics / Specifications

PARAMETER	VALUE
Model	OM-410
Instrument Type	optical power meter
Manufacturer	Corning
Form Factor	handheld
Application Class	fiber power measurement
System Role	optical power meter
Use Case	install and maintenance
Documentation Type	OEM Corning OM-410 listing
Media Class	multimode and single mode
Adapter Class	interchangeable optical adapters
Wavelength Class	calibrated wavelengths on the OM-410 sheet
Range Class	optical power range on the OM-410 sheet
Resolution Class	dB resolution on the OM-410 sheet
Accuracy Class	OM-410 accuracy table
Detector Class	OM-410 detector type on the sheet
Battery Class	handheld battery operation
Connector Class	FC/SC/ST adapter caps
Calibration Class	optical power
Brand Lineage	Corning
Literature	Corning OM-410 optical power meter literature
Display Units	dBm class
Tone Detect Class	OM-410 tone detect if fitted
Operating Class	handheld field
Storage Class	OM-410 storage temperature on the sheet
Storage temperature	on the sheet

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	on the sheet

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From Corning OM-410 optical power meter listings. Exact dBm range, calibrated wavelengths, and accuracy are on the OM-410 sheet; do not invent dBm span.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.