M E L B Y E

Product name	Optical Power Meter -70/+10 M Memory, Soft case, Software
Product code	16405003
GTIN	7332811232954
ETIM-Class	EC000305

PRODUCT SPECIFICATIONS

OPM-50 paired with SLS-50 Intelligent Stabilized Laser Source can be used to identify fiber, measure attenuation and loss, verify continuity and evaluate fiber link transmission quality.

Automatic Wavelength Identification:

Compatible with the digital encryption protocols of SLS-50, OPM-50 can automatically identify the wavelength of the optical signals transmitted from SLS-50 and switch to the corresponding test mode, which greatly reduces the workload at both ends and avoids potential error.

Remote Reference Value Setting:

OPM-50 can receive the power parameters of digital-encrypted signal transmitted from SLS-50 as reference for precise link loss measurement even when the two units are far apart.

Internal Clock & Fiber S/N Editable:

Internal clock enables OPM-50 to save test data with time and editable fiber SN information.

Compatible with FTTx Test:

OPM-50 can be applied to measure Triple-play signals (1310nm, 1490nm and 1550nm) on Passive Optical Network (PON).

●Automatic wavelength identification

● Remote reference value setting

●FTTx applicable

●Internal clock & fiber S/N editable

●Memory of 1000 test records

● Data Transfer to PC via USB

- ●SB power charging

- ●No warm-up, quick start

- ●Backlight

- ●70 hours continuous operation

- ●Pocketsize, lightweight and easy-to-use

- ●CE FCC certificates

Measurements

Weight	315 g

Technical Specifications - Test & Measurement Equipment

Fibre Type	Singlemode, Multimode
Calibrated Wavelengths	850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm
Auto Wavelength Identification	Yes
Power Range	-70 ~ +10dbm
Detector type	InGaAs
Resolution	0.01 dB
Number Of Sampling Points	1000
Data Storage	Yes
Connectivity	USB
Connector Type	SC/UPC
Output Connector	SC
Battery Tye	Li-Ion
Battery Life	70 h
Power Save Feature	Yes
Power Supply	230 vac

Physical Specifications - Test & Measurement Equipment

Weight	315 g
Length	177 mm
Width	80 mm
Height	44 mm
Relative Humidity	95 %
Temperature ranges for Operation	0ºc ~ 50ºc
Temperature ranges for transport and storage	-20ºc ~ 70ºc

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