

Handheld Optical Power Meters **multicomp**PRO

**RoHS
Compliant**

Overview

This product is used to measure absolute optical power or relative loss of optical power through length of fiber optic wires. This product is designed to be durable, the meters can withstand 2m drop and have a dust/water resistance rating of IP65. In addition, other features include backlight display, flashlight, auto power off, wavelength storage/recall, user calibration, and ultra-wide optical power test range.



Applications

1. Cable construction and maintenance
2. Optical fiber communication
3. Evaluation of optical equipment
4. Production, installation, operation and maintenance of fiber optic transmission systems
5. Optical engineering, laboratory, production plant or facility maintenance

Specifications

Measurement Range (dBm)	: -50 to +26
Wavelength Range (nm)	: 800 to 1700
Connector	: Universal connector FC/SC/ST (FC as standard, SC and ST adapter as options)
Detector Type	: InGaAs
Uncertainty	: ±5%
Calibrated Wavelength (nm)	: 850, 980, 1300, 1310, 1490, 1550, 1625, 1650
Display Resolution	: Linear: 0.1%, logarithmic: 0.01dBm
Auto Power Off (min)	: 10
Power Supply	: 1. 5V AA alkaline battery (3 pcs)
Low Battery Indication	: Low battery indication at about 3.3V, auto power off at about 3V
Battery Operation Time (h)	: ≥60
Drop Height (M)	: 2
Operating Temperature	: 0°C to 40°C
Storage Temperature	: -10°C to 50°C
Dimensions (mm)	: 189 × 87 × 45
Net Weight (g)	: 286
Certification	: CE & IP65

General Characteristics

Power	: 1.5V battery × 3
Product net weight	: 286g
Product size	: 189mm x 87mm × 45mm
Standard accessories	: 1.5V Batteries, English manual, Dedicated pouch
Standard Warranty	: 12 Months

Part Number Table

Description	Part Number
Optical Power Meter, -50dBm to +26dBm	MP700122

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO