

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 × 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 |



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