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)	: -70 to +10
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 & P65

General Characterisitics

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, -70dBm to +10dBm	MP700121

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

multicomp PRO