D-TECH Power Meter OPM-VFL-50

VFL Output Power: 10mW Battery with Type-C charging port

D-TECH Power Meter OPM-VFL-50

Variants

10mW

Details

Product Overview

The OPM-VFL-50 series is a high-performance, multifunctional mini all-in-one device equipped with a high-precision optical power detector. It supports visual light source functionality, network testing capabilities, and comes with a bright light for ease of line tracing and installation in dark environments. Offering great value for money and easy operation, it's an efficient tool for network installation and maintenance.

Product Features

Universal optical interface, supports FC/SC/ST fiber connectors.

Supports 9 test wavelengths.

Support reference values setting and self-calibration function

Auto-off function can be enabled or disabled (automatically turns off after 10 minutes of inactivity)

Shutdown memory function

Supports VFL functionality (with various output powers available).

Supports network testing functionality.

Equipped with an LED flashlight for option..

Support Backlight adjustment feature.

Protected with a soft rubber case to effectively prevent damage in case of sudden incidents.

Product Specifications

Optical Power Meter	
Model Number	OPM-VFL-50
Wavelength Range (nm)	800 to 1700
Probe Type	InGaAs
Test Range (dBm)	-50 ~ +26dBm
Connector	2.5mm Universal Connector + FC or SC

Display Resolution (dBm)	0.01dBm
Uncertainty	±5%
Wavelength (nm)	850?980?1270?1300?1310?1490?1550?1577?1625

Visual Fault Location

Output Power (mW)	1?5?10?15?20?25?30mW
Connector	2.5mm Universal Connector + FC or SC
Wavelength (nm)	650
Spectral Line Width (20°C)(nm)	±10
Mode of Fiber Optic	SM, MM
Tone Detect	CW, 2Hz

General Parameters

RJ45 Cable Testing	Support (Optional Function)

LED Flashlight	Support (Optional Function)
Automatic Shutdown Time (min)	10
Power-Saving Mode (min)	1
Power Supply	3xAA Alkaline Batteries
Battery Continuous Working Time (hrs)	48 Hours (2xAA Alkaline Batteries)?
Dimension (mm)	69*119*31mm
Weight (kg)	0.157kg
Working Temperature (?)	-10~+60
Storage Temperature (?)	-25~+70

[Download OPM-VFL-50 : Data sheet in PDF File](#)