

FHM2 Series Optical Multimeter

Description

FHM2 series optical multimeter integrates a stable laser source and a precise optical power meter.

The laser source launches the laser whose wavelengths are 1310/1490/1550nm or 1310/1550nm (according to different models). The optical power meter can recognize the wavelength automatically. With the assorted software, user can generate a report or manage the test report easily.

Features

- Three output wavelength at one output interface
- Both continuous wave and modulated wave are available, the frequency of modulated signal is 270Hz, 1kHz, 2kHz
- Back light display
- Integrated with charging circuit
- Data storage up to 999 test results
- USB interface for connecting PC with assorted software
- Automatic shutdown in low power status



Specification



| Part Number | Description |
|-------------|---|
| FHM2A01 | Dual wavelength optical multimeter, calibration wavelength: 850/1300/1310/1490/1550/1625nm, launch wavelength: 1310/1550nm, measure range:-70 to +10dBm |



| Part Number | Description |
|-------------|--|
| FHM2B01 | Dual wavelength optical multimeter, calibration wavelength: 850/1300/1310/1490/1550/1625nm, launch wavelength:1310/1550nm, measure range:-50 to +26dBm |

FHM2x01 dual wavelength multimeter

| | FHM2A01 | FHM2B01 |
|--------------------------------|---------------------------------------|------------|
| Power meter parameters | | |
| Calibration wavelength(nm) | 850/1300/1310/1490/1550/1625 | |
| Connector | interchangeable FC/SC (ST optional) | |
| Data storage(items) | 999 | |
| Ref.Value | Yes | |
| Display Units | dB/dBm/mW/uW | |
| Display precision(dB) | 0.01 | |
| Accuracy | ±5%±1nW | |
| Wavelength Recognition | 1310/1550/(input power≥-40dBm) | |
| Tone Detection | 270Hz/1KHz/2KHz(input power≥-40dBm) | |
| Measuring Range(dBm) | -70 to +10 | -50 to +26 |
| Laser source parameters | | |
| Output Wavelength(nm) | 1310/1550 | |
| Connector | fixed FC/PC | |
| Modulation Frequency | 270/1K/2K Hz | |
| Output Power | -5dBm±0.5dB | |
| Stability Long-term(8h) | ±0.1dB@1310/1550nm | |
| Stability Short-term(15min) | ±0.05dB@1310/1550nm | |
| Wavelength Recognizing Code | Yes | |
| Auto Power off | √ | |
| General parameters | | |
| Power Supply | 2pcs *NiHM 1.2V,2000mAh;AC/DC Adaptor | |
| PC Interface | USB | |
| Battery Life | >100Hours(laser off) | |
| Storage Temperature | -20°C~+70°C | |
| Operating Temperature | -10°C~+50°C | |
| Relative Humidity | <90%(Non-condensing) | |
| Dimension(mm) | 168L×76W×45H | |
| Weight(g) | 260 | |

Standard Accessories

FC adapter, SC adapter, 2*rechargeable batteries, AC/DC adapter, USB cable, carrying bag, CD disk, user manual, test report

Optional Accessories

ST adapter (model: N000500)