

FHM2

Light Source And Optical Power Meter Two In One

Optical Multimeter



More Convenient To Carry And Operate



Automatic range conversion

The optical power part can identify the wavelength of the Grandway light source

Optical power meter can store 999 test data

Convenient report export method

The screenshot shows the FHM2 Data Manager software interface. It includes a menu bar with options like New, Print, Save as .txt File, Save as Excel File, and Help. The Test Information section contains fields for Company (Grandway), CableType (Type 1), FiberType (Type 2), User (User 1), and Note (Grandway FHM2). The Operation Panel has a Data Download button and a Unit Loss field set to 0.2 dB/km. The Data Display section features a table with 9 rows of test data.

| No. | Wavelength | Frequency | Record(dBm) | Reference value | Distance |
|-----|------------|-----------|-------------|-----------------|----------|
| 1 | 1550 | CW | -9.39dBm | | |
| 2 | 1550 | CW | -10.24dBm | | |
| 3 | 1550 | CW | -16.51dBm | | |
| 4 | 1490 | CW | -11.00dBm | | |
| 5 | 1490 | CW | -20.38dBm | | |
| 6 | 1625 | CW | -11.43dBm | | |
| 7 | 850 | CW | -5.46dBm | | |
| 8 | 1300 | CW | -12.24dBm | | |
| 9 | 1310 | CW | -24.01dBm | | |

Model: Hardware Edition: Software Edition:V2.0 2020/11/25

The screenshot shows a printed FHM2 Test Report. It includes the title 'FHM2 Test Report' and test parameters such as Company (Grandway), CableType (Type 1), FiberType (Type 2), User (User 1), Note (Grandway FHM2), Model, Hardware Edition, Software Edition, and Date (2020/11/25). The report contains a table with 10 rows of test data.

| No. | Wavelength | Frequency | Record(dBm) | Reference value | Distance |
|-----|------------|-----------|-------------|-----------------|----------|
| 1 | 1550 | CW | -9.39dBm | | |
| 2 | 1550 | CW | -10.24dBm | | |
| 3 | 1550 | CW | -16.51dBm | | |
| 4 | 1490 | CW | -11.00dBm | | |
| 5 | 1490 | CW | -20.38dBm | | |
| 6 | 1625 | CW | -11.43dBm | | |
| 7 | 850 | CW | -5.46dBm | | |
| 8 | 1300 | CW | -12.24dBm | | |
| 9 | 1310 | CW | -24.01dBm | | |
| 10 | 1490 | CW | 0.000207 | | |

Optical power meter port

Light source port



USB port

Charging port



Side



Underside



Positive



Negative

Technical parameter

| Model | Specifications | | | |
|-------------------------------|---|------------------|-------------|------------------|
| | FHM2A01 | FHM2A02 | FHM2B01 | FHM2B02 |
| Laser Source Part (LD) | | | | |
| Output Wavelength | 1310/1550nm | 1310/1490/1550nm | 1310/1550nm | 1310/1490/1550nm |
| Output Power | -5dBm±0.5dB | 0dBm±0.5dB | -5dBm±0.5dB | 0dBm±0.5dB |
| Frequency Output | 270Hz/1kHz/2kHz | | | |
| Wavelength Recognition | 1310/1550nm | 1310/1490/1550nm | 1310/1550nm | 1310/1490/1550nm |
| Power Meter Part (PD) | | | | |
| Test Range | -70~+10dBm | | -50~+26dBm | |
| Resolution | 0.01dB | | | |
| Calibrated Wavelength | 850/1300/1310/1490/1550/1625nm | | | |
| Accuracy | ±0.2dB | | | |
| Frequency Detection | 270Hz/1kHz/2kHz | | | |
| Wavelength Detection | Support | | | |
| Memory Capacity | 999 groups | | | |
| Others | | | | |
| Communication Port | USB | | | |
| Power Supply | 2* Ni-MH AA battery | | | |
| Working Temp | -10°C~+50°C | | | |
| Storage Temp | -20°C~+70°C | | | |
| Dimension/Weight | 160L×76W×45H(mm) / 260g | | | |
| Accessories | (LD)FC&SC adapter, (PD)FC&SC adapter, 2*Ni-MH AA battery, 3*ceramic sleeves, Power adapter, USB cable, CD, Test report, Quick guide, Carrying bag | | | |
| Optional | (PD) 1.25mm adapter/2.5mm adapter | | | |