

FHP2A04 Series Optical Power Meter

Description

FHP2A04 Series Optical Power Meter is an advanced optical power meter with storage functions and data download to PC. It will also pair with compatible light sources to automatically change wavelength to match the source. The FHP2A04 is ideal for most fibre applications, it has a wide dynamic range.



Meter Data Manager V10.1

Upload Save Clear Print Preview Help Exit

Company Name: Optics
User Name: Richard Stephen
Note: LM test Server room to Library

Data area:

No	WaveLength	Power	Ref	Frequency
1	850nm	-8.72dBm	-6.23dBm	CW
2	850nm	-8.68dBm	-6.23dBm	CW
3	850nm	-8.61dBm	-6.23dBm	CW
4	850nm	-8.71dBm	-6.23dBm	CW
5	850nm	-8.69dBm	-6.23dBm	CW
6	850nm	-8.63dBm	-6.23dBm	CW
7	850nm	-8.66dBm	-6.23dBm	CW
8	850nm	-8.64dBm	-6.23dBm	CW

Ready

Easy Upload of test results to a PC

Loss Test Report

Test Reference	ROA15001	Equipment Used	Serial No	Cal Due date
Cable ID	G36	FHSZQ01	980011988	08/04/2020
Test Location A	Server Room	FHP2A04	970012198	08/04/2020
Test Location B	Library			
Test Engineer	R Stephen			
Date	15/06/2019			

Ref A to B (dBm)		Ref B to A (dBm)	
850	1300	850	1300
-6.2		-5.0	-5.0

Reading A to B (dBm) (-Ref - Reading)				Reading B to A (dBm) (-Ref - Reading)				
Fibre No	850	1300	850	1300	Fibre No	850	1300	
1	-8.72		2.49	0.00	1		-5.0	-5.0
2	-8.68		2.45	0.00	2		-5.0	-5.0
3	-8.61		2.38	0.00	3		-5.0	-5.0
4	-8.71		2.48	0.00	4		-5.0	-5.0
5	-8.69		2.46	0.00	5		-5.0	-5.0
6	-8.63		2.40	0.00	6		-5.0	-5.0
7	-8.66		2.43	0.00	7		-5.0	-5.0
8	-8.64		2.41	0.00	8		-5.0	-5.0

Easy Report Generation

Features

- Dynamic Range: FHP2A04 (+10 to -70dBm) FHP2B04 (+26 to -50dBm)
- Integrated with high performance optical detector
- Auto-wavelength Recognition: Twinning function with laser light source to automatically change wavelength to match the source reducing the need for communication between ends.
- LCD backlight for easy operation in dark environments
- Referencing function
- Memory capacity of 1000 data items, enables data transfer to PC
- USB connection
- Connectors are interchangeable
- Three powering methods: Internal rechargeable batteries or USB cable or dry cells
- Wide dynamic range
- High accuracy and stability
- Auto power off function
- dBm, dB, mW readout
- Modulation recognition CW, 270Hz, 1kHz, 2kHz
- FC & SC adapters supplied as standard

Features	
Calibrated Wavelength (nm)	850/1300/1310/1490/1550/1625
Working wavelength(nm)	800~1700nm
Detection range	10dBm @1550 ; -50~+26dBm @1550
Detector Type	InGaAs
Connector	FC/PC and SC/PC (interchangeable)
Accuracy	5%±1nW ; ±5%±10nW
Resolution	0.01dB@-60 to +10dBm 0.1dB@-70 to -60dBm
Linearity	+5%
Auto Power-off	Yes
Back-light	Yes
Reference Value	Yes
Measuring Range(dBm)	-70dBm to+10dBm
USB Interface	Yes
Data Storage	Yes
Wavelength Recognize	Yes
Tone Detection(Hz)	270,1K,2K
Operating Temperature	-10to+50°C
Storage Temperature	-20to+ 70°C
Power Supply	2pcs*Ni-MH AA(2500mAh);USB cable
Dimension(mm)	160L*76W*45H
Net Weight	270g

Standard Accessories

FC/PC adapter, SC/PC adapter, 2*AA rechargeable batteries, USB cable, test report, carrying bag, CD software, user manual

Optional Accessories

interchangeable ST adapter (model: N000500);

male FC to female LC adapter for LC connector (model: HD078)