

FIBER OPTICS TESTER

Singlemode / Multimode Fiber Test Kit - FH Series Test Kit



The FH Series Test Kit is ideal for managers and installers who needs to do simple attenuation tests on their multimode and single-mode networks.

The FHP is an economical fiber optic power meter. It provides accurate testing of multimode and single-mode fiber cables. The digital LCD displays power readings with a resolution of 0.01dB. On-screen indicators display measurement units (dBm, dB, uW), as well as battery life. The FHP comes configured a FC connector with ST, SC, LC and E2000 option.

The FHS is a InGaAs traceable single-mode (1310/1550) /multimode (850/1300) light source. Its dual wavelength outputs are temperature stabilized for accurate measurements. The FHS comes configured a FC connector with ST, SC, LC and E2000 option.



Features

- Economical option for quick attenuation and loss testing of both multimode and single-mode networks
- LCD backlight for easy operation in darker environments
- Store reference values for calibrated wavelengths
- Two powering systems: Internal rechargeable batteries or AC adaptor
- Auto-off function: save the power and low power consumption allows extended operation in the field
- Three-year warranty and recommended calibration interval

Specifications

FHS2D02, FHS2D03

Output Wavelength (nm)	
FHS2D02	1310/1550
FHS2D03	850/1330
Emitter Type	
	LD
Output Stability¹	
Short Term (15 min.)	<±0.05dB @ 1310, 1550nm; ±0.1dB @ 850 & 1300
Long Term (8 hours)	<±0.1dB @ 1310, 1550nm; ±0.2dB @ 850 & 1300
Central Wavelength	
FHS2D02	1310±20nm & 1550±20nm
FHS2D03	850±10nm & 1300±20
Spectral Width	
	5nm
Output Frequency (Hz)	
	270, 1K, 2K
Output Power	
	-5 dBm
Adjustable Range	
	±3dB, 0.1dB/step
Auto Power-off	
	Yes
Back-light	
	Yes
Operating Temperature	
	-10 to +50°C
Storage Temperature	
	-20to +70°C
Power Supply	
	2pcs x Ni-MH AA (2500mAh)
Dimension (mm)	
	160L x 76W x 45H
Net Weight	
	270g

FHP2A04

Calibrated Wavelength (nm)	850/1330/1310/1490/1550/1625
Detector Type	InGaAs
Accuracy	
FHP2A02, FHP2A04	±5% ±1nW
FHP2B02, FHP2B04	±5% ±10nW
Resolution¹	
FHP2A02, FHP2A04	0.01dB @ -60 to +10dBm; 0.1dB @ -70 to -60 dBm
FHP2B02, FHP2B04	0.01dB @ -40 to +26dBm; 0.1dB @ -50 to -40dBm
Linearity	
	±5%
Auto Power Off	
	Yes
Back Light	
	Yes
Reference Value	
	Yes
Measuring Range (dBm)	
FHP2A02, FHP2A04	-70 to +10
FHP2B02, FHP2B04	-50 to +26
USB Interface	
FHP2A02, FHP2B02	N/A
FHP2A04, FHP2B04	Yes
Data Storage	
FHP2A02, FHP2B02	N/A
FHP2A04, FHP2B04	Yes
Wavelength Recognize	
FHP2A02, FHP2B02	N/A
FHP2A04, FHP2B04	Yes
Tone Detection	
	270, 1K, 2K

Components

Power Meter	FHP2A04
Light Source	FHS2D02/FHS2D03
Standard Accessories	FC/PC, SC/PC, ST/PC interchangeable connectors Software (CD) Product manual USB cable AC/DC adapter Test report

Remarks: This datasheet is temporary and content is subject to change without prior notice.