

10G PON Power Meter FHP3P05



Introduction

FHP3P05 is a portable, high quality 10G PON optical power meter. It is specifically designed to meet the rapid growth of FTTx market with PON technologies. It is capable to measure all five signal (1270nm, 1310nm, 1490nm, 1550nm and 1577nm) that carry voice, data and video. FHP3P05 can measure not only downstream 1490nm/1577nm and 1550nm optical signal, but also accurately detect and measure the upstream burst 1270nm/1310nm signal sent from ONU. The simple operation and accurate measurement make FHP3P05 become an ideal tool for PON installation and maintenance.

Features

Applicable to XG(S)PON/10G EPON and G/E PON optical power testing

Support downstream 1490nm/1550nm/1577nm test

Support upstream 1310nm/1270nm test

With threshold setting and clear Pass/Fail indicator

1000 groups of data storage

Specifications

Items	Specifications		
Wavelength	1270/1310nm	1490nm	1550/1577nm
Measurement Range	CW mode: -40dBm~+10dBm Burst mode:-30dBm~+10dBm	-50dBm~+15dBm	-50dBm~+20dBm
Spectral Passband	1270/1310nm	1490nm	1550/1577nm
	1240nm~1360nm	1480nm~1500nm	1539nm~1610nm
Insertion Loss	≤1.5dB		
Uncertainty	±0.5dB		
Linearity	±0.2dB		
Resolution	0.01dB		
Data Storage	1000 Sets		
Display	2.8 inch TFT LCD		
Threshold	10 sets(Configured via PC software)		
Auto Power-off	Yes (10 minutes)		
Number of Ports	2 (left ONU port, right OLT&Video port)		
Optical port	FC/PC, SC/PC (APC optional)		
Communication port	USB Type-C interface		
Power supply	1.2V*4 pcs Ni-MH AA battery; 5V/1A AC/DC adapter		
Battery life	>20 hours		
Working temp	-10°C~+50°C		
Humidity	0~95% (No condensation)		
Dimension	190L×105W×55Hmm		
Weight	700g		

Scope of supply

Kit includes main tester with 2 SCAPC adapter caps installed, 2 additional SC PC and FC PC caps, 3 ceramic sleeves, 4 AA rechargeable batteries, power adapter, USB cable, test report, carrying bag and manual.