

FHP3P05 PRO 10G PON Optical Power Meter



Description:

FHP3P05 PRO 10G PON power meter is suitable for the traditional or next generation PON network testing. It can simultaneously measure the voice, data and video signals on 1490nm/1550nm/1577nm (downlink) and 1270nm/1310nm (burst mode uplink) optical fiber, the same screen displays the signal power of each of the 5 wavelengths, which enables the maintenance personnel to truly master the power value of the single wavelength optical signal on the line. It is an ideal choice for PON network engineering, construction and maintenance to detect and analyze whether the signal power is meet the standard by threshold data set by the instrument itself.

Features:

- 3.5-inch TFT color screen
- Compatible with EPON, GPON and next generation 10G-EPON/XG(S)-PON power measurement functions
- 5 wavelength power value simultaneous measurement display
- The instrument can set the measurement threshold to determine the pass, warning, fail state
- Support VFL function

Parameters:

PON Power Meter Mode					
Measuring wavelength	1270nm	1310nm	1490nm	1550nm	1577nm
Measuring range (dBm)	+13~-40	+13~-40	+13~-50	+25~-50	+10~-50
CW mode	+10~-40	+10~-40	+15~-50	+20~-50	+20~-50
Burst mode	+10~-10	+10~-40	-	-	-
Spectral passband(nm)	1270±10	1310±20	1490±10	1550±10	1577±6
Insertion loss (dB)	≤1.5				
Uncertainty (dB)	≤0.5				
Interface type	(FC/SC)/APC (optional)				
Display resolution (dB)	0.01				
Threshold settings	10 groups				
Data storage	1000 groups				
VFL					
Wavelength (nm)	650±10				
Output power (mW)	10				
Modulation frequency	CW,1Hz and 2Hz				
Others					
Operating temperature	-10~+60(°C)				
Storage temperature	-25~+70(°C)				
Communication interface	USB TYPE-C				
Power supply	5000mAh lithium battery				
Operating time(h)	Operating time ≥20H, stand-by time ≥60H				
Dimension (mm)	192.9L×93.8W×47Hmm				



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