

KTC-14 PON Power Meter

Description

This PON Power Meter target at the FTTx application and maintenance. It is able to simultaneously test and estimate the signals of the voice, data and video. It is an essential and idea tool for the construction and maintenance of the PON projects.



Features

- Providing simultaneous measurement at EPON/GPON/GEAPON for three wavelengths on the fiber (1310nm, 1490nm, 1550nm)
- Used in burst mode measurement of 1310nm upstream
- Convenience for threshold setting, which can set threshold on the tester
- USB communication port enables data transfer to a PC
- Offers up to 10 different threshold sets in total
- User self-calibration can be retrieved in computer through the software
- 10 minutes Auto-off function can be activated or deactivated with keypad operation

Specification

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MODEL	KTC-14		
Wavelength (nm)	1310	1490	1550
Pass Zone (nm)	1260 ~ 1360	1470 ~ 1505	1535 ~ 1570
Isolation	>40@1490	>30@1310	>40@1310
Isolation	>40@1550	>40@1559	>40@1490
Measurement Range (dBm)	-40 ~ +10	-40 ~ +10	-50 ~ +20
Measurement Accuracy			
Connatural uncertainty (dBm)	±0.5		
Linearity (dB)	±0.1		
Passing through insertion Loss (dB)	< 1.5		
General Information			
Detector Type	InGaAs		
Optical Connector	FC/SC Interchangeable		
Fiber Type	9/125µm		
Display	LCD : 128*64		
Measurement Unit	dB/dBm/xW		
Resolution (dB)	0.01		
Power Supply	3 AA 1.5V battery		
Operation Temperature ()	-10 ~ 60		
Storage temperature	-25 ~ 70		
Dimension (mm)	200 x 90 x 50		
Weight (g)	285		