SK321X PON Optical Power Meter

1310/1490/1550nm

Key Features

■ Support the experiment at voice, data and video signal synchronous measurement and display on BPON/EPON/GPON

■ Providing simultaneous measurement for all three wavelengths on the fiber (1310nm, 1490nm, 1550nm)

■ Used in Burst mode measurement of 1310nm upstream

■ Use the software connect with computer setting the threshold, data transfer, and calibration the wavelength

■ Data storage and USB communication port enables data transfer to computer

■ Offers up to 10 different threshold sets in total

■ Three status LEDs represent different optical signal conditions of Pass, Warn and Fail respectively

■ 10 minutes auto-off function can be activated or deactivated

■ Good key design, high sensitivity, greatly reducing the volume and weight of the tester

Saluki SK321X PON Optical Power Meter is able to simultaneously test and estimate the signals of the voice, data and video. It is an essential and ideal tool for the construction and maintenance of the PON projects.

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Technical Specifications

Parameters	Specifications
1310nm Upstream Measurement	
Pass Zone	1260nm - 1360nm
Measurement Range	-35dBm to +10dBm
Output Power	15dBm (max.)
Isolation@1490/1550	> 40dB
Burst Mode Test Error	< ±0.5dB
1490nm Downstream Measurement	
Pass Zone	1470nm - 1505nm
Measurement Range	-40dBm to +12dBm
Output Power	15dBm (max.)
Isolation@1310/1550	> 40dB
1550nm Downstream Measurement	
Pass Zone	1540nm - 1560nm
Measurement Range	-40dBm to +25dBm
Output Power	25dBm (max.)
Isolation@1310/1490	> 40dB
Others	
Measurement Uncertainty	± 0.5dB
Linearity	± 0.1dB
Insertion Loss	≤ 1.5dB
Display Resolution	0.01dB
Detector Type	InGaAs
Optical Connector	FC/SC/ST Interchangeable / 2.5 universal adapter
Fiber Type	SM 9/125um
Measurement Unit	dB/dBm/xW
Display	TFT color screen
Data Storage	1,000 data
Data Interface	USB

SALUKI TECHNOLOGY

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Power Supply	Three AA 1.5V dry battery
Automatic Shutdown Time	10min
Continuous Working Time	90h
Operating Temperature	-10℃ to +60℃
Storage Temperature	-25℃ to +70℃
Relative Humidity	0 - 95% non condensing
Dimension	102 (W) × 192 (H) × 50 (D) mm
Weight	423g

Standard Package

No.	Item	Qty
1	SK321X host	1
2	USB line	1
3	Soft CD	1
4	User manual	1

Attention: Due to the need for improvement, the above contents are subject to change without notice.