AITELONG

SAT-7E-02 PON Power Meter

Introduction:

SAT-7E-02 PON power meter is one of the most essential tools in installation and maintenance of fiber optic cables in PON networks. It is handheld, easy to use, shock resistant, waterproof and dust-proof.

With a rugged design, it is built for top ruggedness and versatility, perfect for the harshest test conditions to verify the continuity and evaluated fiber link transmission quality.

Key Features

1. Auto Pass/Fail assessment.

2. High efficient visual inspection.

3. Display distinct power values for 1310nm,1490nm,1550nm.

4. Pass through measurement.

5. Simultaneously measure and display the concurrent voice, data and video signals on different PON architectures

Specifications

Model no.	SAT-7E-02
Measurement Range (dBm)	1310nm: -40---+10dBm; 1490nm: -50--+10dBm; 1550nm: -50--+25dBm
Fiber Application	Single mode fiber
Pass Through Loss	< 1.5dB
Accuracy	±0.2 dB(burst signal:±0.5dB)
Loss of separation btw wavelength (1310,1490,1550nm)	>40dB
Threshold Sets/Levels	10
Data/Results Storage	100
Connector	SC/PC (standard), connector customize available(optional) Optional connector type: SC/FC-PC/APC
Auto Power Off	10 minutes or NONE(can be cancelled)
Operating Time	>36 hours
Display	LCD display, able to display measurement values, pass/fail/warnings
Power Supply	AA batteries (standard) AC/DC power adapter (optional); (Rechargeable battery is workable)
Storage Temperature	-20℃ to +60℃, <90%RH
Operating Temperature	-10℃ to +50℃, <90%RH
Size	L x H x W: 190 x 90 x 40mm
Weight	450g
Language	English
Warranty	24 months