

XG3551 Intelligent Power Meter

Datasheet



XG3551 Intelligent Power Meter is a high performance power meter, which can measure the optical power value at 850/1300/1310/1490/1550/1625nm wavelengths promptly and accurately. Connecting with light source, it can detect the power loss of optical fiber, optical cable and other passive optical devices. It is widely applied in optical communication engineering (such as LAN, CATV and long-distance Fiber Optic Trunk Cable). It can also apply in the R&D process of optical fiber, optical cable, active and passive optical devices. It is the most powerful and reliable tool for daily telecom maintenance job.

Basic Functions

- Automatically recognize the wavelength and power identification signal from the XG3550 Intelligent Laser Source, which is with the digital ciphering protocol, and automatically switch to the proper wavelength.
- Automatically recognize modulated light wave at 270Hz, 1KHZ and 2KHZ.
- User-definable thresholds.
- Large storage capability of more than 1000 test results
- Connecting with PC via USB interface for data uploading, optical power calibration and threshold modifying with help of TestManagerPro software.
- Auto power save function.

Main Features

- Small size and light weight, easy to carry around
- Automatic wavelength detection to avoid setting fault effectively, which simplifies the communication between engineers in two testing ends, and increase testing efficiency.

- Up to 260K true color LCD display
- Smart navigation menu for simple operation
- Read result by pass/fail according to pre-set threshold, avoid professional and complicated parameters judgment
- Support AC or battery power supply
- Real-time battery power indication, continuous working for up to 15hrs with battery
- Free upgrading embedded software

Configurations

Intelligent Power Meter	1set
Charger	1pcs
FC/SC/ST Interchangeable Connector	2pcs
USB Communication Cable	1pcs
Li-ion Rechargeable Battery (Built-in)	1pcs
Cleaning Cotton Bud	1pcs
Waterproof Package	1pcs
TestManagerPro Setup CD (User Manual)	1pcs
User Guide	1pcs
Quality Certificate Card	1pcs
Maintenance Card	1pcs
Packing List	1pcs

Specifications

Wavelengths Range

800~1700nm

Standard Wavelengths

850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm; Scalable

Measurement Range

XG3551/OPM01	XG3551/OPM02
-70~+10dBm	-50~+27dBm

Inherent Uncertainty

≤0.5dB

Polarize Related Loss

<0.25dB

Linearity

0.1dB

Insertion Loss

1.5dB

Resolution

0.01dB

Connector Type

FC/SC/ST Interchangeable

Power Supply

Charger: 100~240VAC (In); DC8.4V/1.2 A (Out)

Or Rechargeable Battery

TestManagerPro Software

Supported by WIN2000/ME/XP

Operating Temperature

0°C~50°C

Storage Temperature

-30°C~70°C

Humidity

5%~95% non-condensing

Dimensions (LxWxH)

192 mm x94 mm x43 mm

Weight (including batteries)

0.4Kg

Ordering Information

XG3551/OPM01 Intelligent Power Meter

XG3551/OPM02 Intelligent Power Meter

For more information or a directory from sales offices, please send inquiry to mail address:sales@xgxc.com



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