

# XG3553 Intelligent Optical Attenuator

## Datasheet



XG3553 intelligent Optical Attenuator is an intelligent attenuator with digit display and continuous step adjustment. It helps to adjust the attenuation accurately, and is widely applied to measure the parameters of fiber optical system, attenuate the short-distance fiber optical network and perform field test.

### Basic Functions

- Attenuation range: 2.5~65dB
- Different steps for attenuation settings: 0.01, 0.10, 1.00, 10.00dB
- Absolute and relative attenuation display
- Remote control via USB
- Auto power save function

### Main Features

- Small size and light weight, easy to carry around
- Smart attenuation step adjustment, with high accuracy and stable attenuation value
- 260K True color LCD display
- Intelligent navigation menu for simple operation
- Support AC or battery power supply
- Real-time battery power indication, low power consumption, continuous working for up to 35hrs with battery
- Upgrading embedded software for free

### Configurations

Intelligent Optical Attenuator	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

#### Adjustable Wavelength Range

1260~650nm

#### Connector Type

FC/PC

#### Calibrated Wavelengths

1310/1490/1550nm

#### Attenuation Range

2.5~65dB

#### Resolution

0.01dB

#### Insertion Loss

<2.5dB

#### Linearity

±0.5dB (25°C)

#### Repeatability

±0.2dB (25°C)

#### Total Attenuation Accuracy

±0.8dB (25°C)

**Diverse Reflection**

45dB

**Max. Permitted Level**

500mW (26dBm)

**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)**

192mm×94mm×43mm

**Weight (including batteries)**

0.4Kg

**Ordering Information**

XG3553 Intelligent Optical Attenuator

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



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