

Article Overview

The JW3303 is a handheld optical variable attenuator designed for continuous adjustment of optical signal strength in fiber optic systems.

Overview

The JW3303 is used to attenuate optical signals in laser systems, digital communication devices (such as PHD and SDH), and analog modulation systems like CATV. It is portable, lightweight, and comes with a rugged carrying case for field use . The device supports multiple wavelengths (1310/1490/1550/1625 nm) and is compatible with singlemode fibers .

Step-by-Step Usage

o Preparation

- o Ensure the fiber connectors are clean before connecting to the attenuator to prevent signal loss or damage .
- o Remove the dust-proof caps from the input and output ports.
- o Charge the device using the original charger to avoid battery damage .

o Connecting the Device

- o Connect the input fiber from your optical source (laser or transmitter) to the input port of the JW3303.
- o Connect the output fiber to the measurement device or receiver.

o Adjusting Attenuation

o Power on the JW3303.

- o Use the keypad or rotary control to adjust the attenuation level continuously. The device allows precise control to achieve the desired optical power reduction .
- o Monitor the output signal with an optical power meter to ensure correct attenuation.

o Auto-Off Function

- o The JW3303 has a 10-minute auto-off feature to save battery. This can be activated or deactivated via the keypad .

o After Use

- o Disconnect the fibers carefully.
- o Replace the dust-proof caps on the ports.
- o Store the attenuator in its carrying case to protect it from dust and physical damage.

Safety and Maintenance Tips



How to use the JW3303 optical attenuator

- o Avoid exposing the device to extreme temperatures or moisture.
- o Do not use damaged connectors or fibers to prevent internal damage.
- o Regularly clean the connectors and check for scratches or contamination.
- o Use the device only within its specified wavelength and power range to ensure accurate attenuation and prevent damage . By following these steps, the JW3303 can be effectively used for on-line testing and signal adjustment in both digital and analog optical systems.

Before the test, please ensure the connector is clean. Cover well the dust-proof cap when not in use. Use the original charger to

Optical Variable Attenuator -----JW3303 JW3303 handheld optical variable attenuator is used for continuously variable optical

About Handheld Variable Fiber Attenuator The JW3303 belongs to the Fiber Optic Equipment category -- a mission-critical

Visit our official website for more product info: us for product inquiry:

It is a well-respected manufacturer which specializes in designing, R&D, manufacturing and selling a full range of Optical Test &

3303 Optical Variable Attenuator, Telecom CATV Fiber Optic Tester is used for continuously variable optical signal attenuation As the

As the attenuator is used in the laser system for the on-line testing, therefore, JW3303 can be used in the digital system of

JW3303 handheld optical variable attenuator is used for continuously variable optical signal attenuation. As the attenuator is used in

JW3303 handheld optical variable attenuator is used for continuously variable optical signal attenuation. As the

JW3303 handheld variable optical attenuator is a compact instrument widely used in fiber link certification and routine maintenance.

JW3303 handheld attenuator is designed to continuously and variably attenuate the optical signal. The main application of this unit is

How to use the JW3303 optical attenuator

JW3303 handheld variable optical attenuator is a compact instrument widely used in fiber

Optical Variable Attenuator -----JW3303 sly variable optical signal attenuation. As the attenuator is used in the laser system for the

JW3303 Variable Optical Attenuator Fiber Optic Attenuator 2.5-60DB Digital Display For SM MM Fiber. It is capable of

JW3303 Handheld Optical Variable Attenuator The JW3303 handheld optical variable attenuator is used for continuously variable

JW3303 handhold optical variable attenuator is used for continuously variable optical signal attenuation. CATV

Web: <https://www.morwarreconst.co.za>

