Optical Attenuator SC Yin-Yang Type



Overview

The Yin-Yang Type Fiber Optic Fixed Attenuator is a type of connector that has one end as an adapter and the other end as a connector.

Key Takeaways

SC Yin-Yang optical attenuators offer adjustable attenuation from 1dB to 30dB, with SC interface, male-female plug-and-play design, and compatibility across 1250–1650nm wavelengths.

Key Specifications

Attenuation Range: Selectable values typically include 1dB, 2dB, 5dB, 10dB, 15dB, 20dB, 25dB, and up to 30dB depending on the model. Interface Type: Standard SC connector, male-to-female plug-and-play design; also available in LC, FC, ST, and MU interfaces. Ferrule Type: PC (Physical Contact) or APC (Angled Physical Contact, 8°) for low back reflection.

Wavelength Compatibility: Operates effectively across 1250–1650nm, suitable for most optical communication systems. Insertion Loss and Return Loss: Low insertion loss with high return loss, ensuring minimal signal degradation and stable optical power control. Housing and Materials: Durable metal housing with high-precision light-absorbing interior to prevent optical module overload.

Standards Compliance: Conforms to IEC, RoHS, and Telcordia GR-910-CORE standards. FeaturesPlug-and-Play Design: Integrated male-female interface eliminates the need for additional adapters, simplifying installation. High Reliability and Repeatability: Factory-tested for accurate attenuation and consistent performance across multiple uses.

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Applications: Suitable for CATV, MANs, WANs, FTTx, GPON, EPON, optical switches, optical modems, data centers, enterprise networks, and home fiber deployments. Adjustable and Fixed Options: Available as fixed or adjustable attenuators to meet different optical power requirements.

Practical Considerations

Ensure the selected attenuator matches the wavelength and interface type of your optical system to avoid compatibility issues. Ideal for optical power testing, network maintenance, and signal level adjustment in fiber optic links. High factory consistency and durability make it suitable for repeated plug-and-play operations in professional and home network environments.

SC Yin-

Yang attenuators are widely regarded for their precision, stability, and ease of use, making them a practical choice for engineers and technicians managing optical fiber networks.

Article Content

10pcs SC/PC Yin-Yang Type Plastic Optical Attenuator

The Yin-Yang Type Fiber Optic Fixed Attenuator is a type of connector that has one end as an adapter and the other end as a connector. The attenuation value is

10pcs SC APC Yin-Yang Type Fixed Fiber Optic

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Sc yin and yang attenuator 1db 2db 5db 10db 15db 20db 25db, optical ...

The new 2025 sc type attenuator offers a wide range of 1db to 25db options, making it suitable for various applications including optical communication and fiber optic networks. Features a male

SC APC Good interchangeability and repeatability Yin And Yang Type ...

Yin And Yang Type Fiber Optic Fixed Attenuator is one end of the connector type and the other end of the adapter type,and the attenuation value is an adjustable.This range of fixed attenuator is mainly

Sc Yin and Yang Type Attenuator 1Db 2Db 5Db 10Db 15Db 20 25Db

Color Classification Sc Yin and Yang Attenuator 1Db Sc Yin and Yang Attenuator 2Db Sc Yin and Yang Attenuator 3Db Sc Yin and Yang Attenuator 5Db Sc Yin and Yang Attenuator 10Db Sc Yin and

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MU Single Mode Yin And Yang Type Fixed Optical

It comes in different types including SC, LC, FC, ST and MU. Based on the shape of ferrule shape, the fixed optical attenuator can also be classified as PC and APC

LC SM Yin And Yang Type Fiber Optic Attenuator Without Ears 5dB

Yin And Yang Type Fiber Optic Fixed Attenuator is one end of the connector type and the other end of the adapter type,and the attenuation value is an adjustable.This range of fixed attenuator is mainly

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SC PC Yin and Yang Plastic Optical Attenuator Accurate Attenuation

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SC PC Yin and Yang Plastic Optical Attenuator Accurate Attenuation

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LC/FC/SC/UPC Optical Fiber Attenuator Yin and Yang Fixed Light ...

Buy LC/FC/SC/UPC Optical Fiber Attenuator Yin and Yang Fixed Light Attenuation Adapter Conversion Yin-Yang Attenuator Attenuator Strong Light online today! Intelligent optical fiber community network

SC/UPC Fiber Optic Yin-Yang Attenuator 0-30db Single Mode Mobile SC ...

High-Quality Construction: The Caili SC/UPC Fiber Optic Yin-Yang Attenuator boasts a durable and reliable design, ensuring optimal performance in demanding network environments. Versatile

Fiber optic attenuators – Jiangsu Weite

Online attenuators, adjustable attenuators, yin and yang attenuators, and other passive optical devices can be provided to achieve optical signal attenuation.

Yin yang fiber optic attenuator

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Hot-selling yin-yang fiber optic attenuators on the 1688 platform! supports fc/sc/lc multi-interfaces, 1-30db options available. carrier-grade accuracy. in-stock wholesale. ships in 48 hours! get a factory

ZGTECH YIN-YANG Attenuators: Optimizing Global Connectivity

Introduction to YIN-YANG Attenuators ZGTECH is proud to introduce our innovative YIN-YANG attenuators, designed to meet the precise needs of optical communication systems. These

LC PC Single Mode Yin And Yang Type Fiber Optic Attenuator Accurate ...

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Yin and Yang Type Fixed Attenuator Archives

10pcs SC APC Yin-Yang Type Fixed Fiber Optic Attenuator 0 out of 5 (0) SKU: P773 $ 70.00 Add to cart Yin and Yang Type Fixed Attenuator

0-30dB FC PC Yin and Yang Type Fixed Optical Attenuator 1250nm to 1650nm

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