

What types of optical splitters does Huijue produce

Article Overview

Huijue offers PLC optical splitters with split ratios of 2, 4, 8, 16, 32, and 64, suitable for FTTX, LAN/WAN, and CATV networks.

PLC Splitters

Huijue's optical splitters primarily use Planar Lightwave Circuit (PLC) technology, which ensures uniform signal distribution and high reliability. The available split ratios are 2, 4, 8, 16, 32, and 64, allowing flexible deployment depending on network requirements. These splitters are designed for FTTX networks, LAN/WAN, and CATV applications, providing stable performance under atmospheric pressures ranging from 62 kPa to 106 kPa.

Key Features

- Uniform light distribution for consistent signal quality across all output fibers.
- Compact structure suitable for installation in existing junction boxes without special modifications.
- Support for multiple branching channels, exceeding 32 outputs for large-scale networks.
- High reliability and insensitivity to transmission wavelength, ensuring compatibility with various optical systems.

Packaging and Applications...

Article Content

Feb 20, 2026

Hai'an Huijue Network Communication Equipment Co., Ltd.

Hai'an Huijue Network Communication Equipment Co., Ltd. Products:Optical Splitter,Fiber Patch Cord,MPO,Optical Distribution

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Understanding Fiber Optic Splitters and How They Work

Fiber optic splitters play a vital role in modern communication networks by facilitating the

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Optical Beam Splitter Guide: Cube, Plate & Polarizing Types

Beam splitter technologies can be categorized according to their construction and optical behavior, including cube beamsplitters,

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Fiber Optic Splitters

Fiber optic splitters enable a signal on an optical fiber to be distributed among two or more fibers. Since splitters contain no

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Fiber Optic Components | Leading Network Server

Fiber optic adapters: Fiber optic flanges, adapters, fiber optic adapters.

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What are Beamsplitters?

Optical components that create two beams by splitting incident light are beamsplitters. Read more about the different types of

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Your Go-to Guide to Optical Splitter

The optical splitter is an optical power distribution device that splits one optical signal into multiple optical fiber signals

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Beam Splitters: Types and Applications

Explore different types of beam splitters and their applications. Learn how beam splitters work and find the right one for your needs.

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Fundamentals of Optical Splitters » SENKO Advanced Components, Inc.

Optical splitters enable the distribution of light signals from a single input to various servers, ensuring efficient data routing within the

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Company Profile | Leading Network Server Cabinet, Integrated

The derivative products and devices launched for the FTTH market include planar waveguide splitters, high-performance optical fiber

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What are the types of splitters? How to choose a splitter?

As the most core passive optical device in the construction of fiber to the home (FTTH), optical splitters are used to

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Beam Splitters - optical power splitter, beamsplitter, thin-film ...

Beam splitters are devices for splitting a laser beam into two or more beams. There are different types, including polarizing and non

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Fiber-optic splitter

Fiber-optic splitter A fiber-optic splitter, also known as a beam splitter, is based on a quartz substrate of an integrated waveguide

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Optical Splitters in Modern Networks

Classified by Manufacturing Technique There are two main types of optical splitters based on manufacturing

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Understanding Fiber Optic Splitters: Principles, Parameters, Types ...

3. What are the main parameters that determine the performance of a fiber optic splitter? The performance of a fiber optic splitter is

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How Does a Fiber Optic Splitter Work

Splitters with high-quality capability produce power losses below 3.5–14 dB because of their split ratio. Superior

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How Do Fiber Optic Splitters Work, and What Are Their

Explore the workings of fiber optic splitters, their technical specifications, and wide-ranging

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What Is Optical Splitter?

An optical splitter is a device that divides light transmission in a network into multiple output ends. It plays a crucial

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How does a beam splitter work? Common types and use cases

Understanding Beam Splitters Beam splitters are essential optical components used to divide a beam of light into two

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HJ-PLCS PLC Splitter

Overview HJ optical splitter use Planer Light wave Circuit (PLC) technology for split ratio 2, 4, 8, 16, 32 and 64. Application for FTTX

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Beam Splitters: Types, Applications, and Selection

Beam splitters are an essential component in modern optics. They play a critical role in many

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Exploring the World of Fiber Optic Splitter Devices

Discover the benefits of fiber optic splitters! Learn how optical splitters enhance signal distribution and

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What are Beamsplitters?

Beamsplitters are optical components used to split incident light at a designated ratio into two separate beams. Additionally,

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How is the Huijue beam splitter from Zimbabwe

In this article, we will answer these questions: what is a beam splitter, what are the common types of beam splitters, and how does a

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Comprehensive Guide to Optical Splitters

An optical splitter is a crucial passive fiber optic device that splits and combines optical signals. It can distribute the

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Exploring Beam Splitters: Types and Applications

Despite their simple appearance, these optical components are fundamental to many high-tech systems we use daily. This guide

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Optical Splitters Demystified: The Silent Heroes Powering Your FTTH ...

explains how optical splitters enable FTTH, their types (FBT vs. PLC), key ratios, and how they integrate with LINK

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What Is an Optical Splitter?

What's an optical splitter? How does the fiber optic splitter work? How many fiber splitter types? How to choose the

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What is Fiber Optic Splitter and Types

This post provides a introduction to fiber optic splitters, their types, functions, and several popular Gcabling optical

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What is an Optical Splitter? The Ultimate Guide to Fiber Optic Splitters

Q: Can I use an optical splitter for multimode fiber? A: Yes, but you must buy a splitter specifically designed for

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Beam Splitters

What is a Beam Splitter? A beam splitter or power splitter is an optical device that can split an incident light beam e.g. a laser beam

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What Are Optical Beam Splitters?

What Are Optical Beam Splitters? Key Takeaways Beam splitters, essential for applications such as teleprompters and holograms,

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Beam splitter

A beam splitter or beamsplitter is an optical device that splits a beam of light into a transmitted and a

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