

# How to choose Huawei s 14-band optical splitter



## Overview

In this guide, you'll learn how fiber splitters function in PON networks, the difference between PLC and FBT types, and how to choose the best model for your rollout in 2025. What Are Fiber Optic Splitters in PON?

According to the Broadband Forum, PLC splitters are essential for achieving scalable and cost-effective GPON and XGS-PON deployment in access networks. Supporting four optical links (1\*2 each), it operates at wavelengths of 1310/1550nm with a +/-40nm tolerance. Constructed with LC/UPC connectors and SMF-28e fiber, the splitter maintains a low. Shenzhen Uonel Technology Co. is a Global Provider of Telecommunication Equipment and Services. High quality Huawei SPL9105-P1004 SC/ACP 45200508 OSPL43201 SC/ACP 1/4 Bare Optical Splitter SPL1202 SPL2601 SPL1101 SPL2605 SPL9101 SPL9102 from China, China's leading Huawei Access Network. ODN SPL12: Access product manuals, HedEx documents, product images and visio stencils. Optical splitters are essential devices used in communication networks to divide optical signals into multiple paths, playing a crucial role in efficiently distributing information to multiple recipients. This enables simultaneous

transmission without compromising signal quality or speed.

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High quality Huawei SPL9105-P1004 SC/ACP 45200508 OSPL43201 SC/ACP 1/4 Bare Optical Splitter SPL1202 SPL2601 SPL1101 SPL2605 SPL9101 SPL9102 from China, China's leading Huawei ...



The Huawei OOS412S01 is a high-performance optical splitter designed for single-mode fiber networks. Supporting four optical links (1\*2 each), it operates at wavelengths of 1310/1550nm with a +/-40nm ...



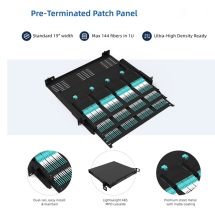
High quality Huawei SPL9105-P1004 SC/ACP 45200508 OSPL43201 SC/ACP 1/4 ...



There are two main manufacturing technologies for optical splitters, each with its own advantages and ideal use cases. The choice between them depends on your application requirements.



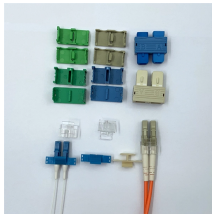
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This project highlights how Huawei's PON splitter solutions can drive cost-effective and reliable FTTH expansions, even in densely populated areas where demand for high-speed internet is ...



The configuration below has individual splitters at a central location, but addresses that are typically not reconfigurable by jumpers, so this configuration is a “distributed” split.



Learn how fiber optic splitters work, types (PLC, FBT), and uses in FTTH/data centers. Understand signal splitting, key specs, and how to choose the right splitter.



ODN SPL12: Access product manuals, HedEx documents, product images and visio stencils.



Check Huawei Optical Splitter product catalog, product description and pricing information at [itprice](#)



Choosing the right optical splitter can be confusing with so many options available. This guide will simplify the process and provide valuable insights to help you make the best decision.

## Contact Us

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