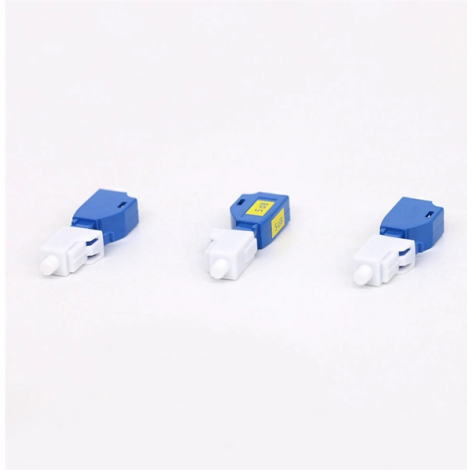


What is an optical splitter router



Overview

Optical splitters enable a signal on an optical fiber to be distributed among two or more fibers. In the intricate web of modern fiber optic networks, where data travels at the speed of light across continents, fiber optic splitters play a silent yet pivotal role. These unassuming devices enable a single optical signal to be divided into multiple paths, making them indispensable for sharing. Fiber optic splitter, also referred to as optical splitter, fiber splitter or beam splitter, is an integrated waveguide optical power distribution device that can split an incident light beam into two or more light beams, and vice versa, containing multiple input and output ends. Conversely, it can also combine multiple signals into one. Its primary role is in Passive Optical Networks. A “splitter” is a power splitter. It allows service providers to save money. In this article, we explain the definition, working principles, types, and selection tips for optical splitters.



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