

Function of Industrial Fiber Optic Splitters



Overview

At its core, a fiber optic splitter relies on the principles of light reflection, refraction, and waveguiding to divide signals. They come in various types, each with distinct characteristics and applications. They utilize a process known as 'fused biconic'. Whether you're a network engineer designing a PON (Passive Optical Network) or a homeowner curious about how your fiber connection works, understanding splitters is essential for grasping the backbone of modern connectivity. Their ability to efficiently manage optical signals makes them indispensable in various. Fiber optic splitter is a passive optical device used to distribute optical signals, which can divide input optical signals into multiple outputs to meet the fiber optic access needs of multiple terminal devices. A fiber optic PLC splitter distributes a single optical signal into multiple outputs with high uniformity and low loss, making it ideal for. Depending on specific features and functions, GAO Tek's Fiber splitters are sometimes referred to as optical splitters, couplers, optical taps, power splitters, Fiber distribution, and optic distribution boxes. Furthermore, GAO Tek's Fiber Splitters are further grouped into: DWDM/PLC /coupler.

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