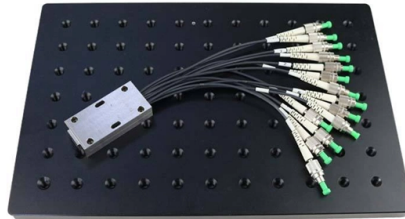


Optical splitter packaging method



Overview

Selection 1: Packaging method and process: Hermetic packaging (TO-CAN, BOX, butterfly), non-hermetic packaging (COB, COC, etc. PLC splitter package process includes coupling alignment and bonding operations. Coupling of the PLC splitter chip and the optical fiber array is aligned with both manual and automated, and they depend on the hardware with the six-dimensional precision trimming frame, the light source, power meter. The embodiment of the invention discloses an optical splitter and a packaging method thereof, wherein the optical splitter comprises a packaging shell, an optical splitting unit, at least one input optical fiber, a plurality of output optical fibers, at least one input optical fiber protective. A Passive Optical Network (PON) is a fiber optic technology utilizing point-to-multipoint topology and optical splitters to deliver data from a single transmission point to multiple user endpoints. Passive refers to the unpowered condition of the fiber and splitting/combining components. Both fiber. PLC Chip: Manufactured using semiconductor technology processes (such as photolithography, etching, etc. Optical Fiber Array: Using a V-groove substrate, a bundle of optical fibers or a ribbon of optical fibers are installed on the substrate at. Optical splitters can be classified into two types based on the splitting principle: fused biconical taper (FBT Coupler Splitters) and planar lightwave circuit (PLC Splitters).



Article Content

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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 optical power distribution device, similar to a coaxial cable transmission

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PLC splitter package process includes coupling alignment and bonding operations. Coupling of the PLC splitter chip and the optical fiber array is aligned with both manual and automated, and they depend

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Embodiments of the present invention relate to the technical field of optical splitters, and in particular, to an optical splitter and a packaging method thereof.

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PLC splitter Packaging Technology

PLC splitter package process includes coupling alignment and bonding operations.

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Shop Beam Splitters & Passive Optical Splitters

As well as FBT splitters Fused Biconical Taper splitters, which are two or more pieces of optical fibers that are fused/tapered together fiber devices. Splitters are

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The working principle of fiber splitters is relatively simple, and the signal distribution is achieved through the principle of optical coupling in optical

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