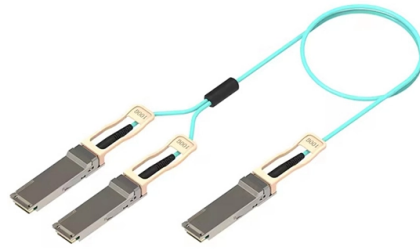


Primary and Secondary Spectrum Splitter Identification



Overview

PON splitters are passive devices that split a single optical signal into multiple outputs, facilitating the distribution of data from a central office to numerous end-users. Bandwidth is shared amongst customers in a PON, and the bandwidth received by a customer is not related to the power received at the optical network terminal (ONT) as long as the power is high enough so the ONT can operate. Splits are most commonly factors of 2, such as 1x2, 1x4, 1x8, 1x16, 1x32. According to the manufacturing technology of fiber optic splitters, there are mainly two types of splitters: PLC splitter and FBT splitter. There are two different distribution modes of optical splitter in FTTH network: centralized distribution and cascaded distribution, which correspond to the first level and the second level respectively. These two methods have their own advantages and disadvantages. E is the 'sag' of the triangle defined by the points (P_a, V_a) , (P_b, V_b) , and (P_c, V_c) . Extreme case: all lenses are achromatic. If done incorrectly, it may lead to signal.

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In the application of two-stage optical splitter, the first stage optical splitter is often installed in the optical junction box or fiber splitter box, and the second stage optical splitter is often ...

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