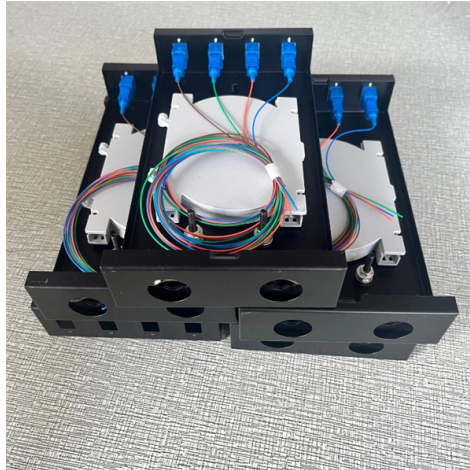


Relationship between pigtails and pigtail cables



Article Overview

Pigtails and pigtail cables are related but not exactly the same; a pigtail is a short fiber with one connector and a bare end, while a pigtail cable may refer to a pre-terminated cable assembly used for splicing or connecting devices.

Fiber Optic Pigtails

A fiber optic pigtail is a short length of optical fiber with a factory-installed connector on one end and a bare fiber on the other. The bare end is designed to be fusion-spliced to a fiber in a distribution cable or terminal box, creating a low-loss, serviceable connection. Pigtails are typically used in fiber distribution frames, terminal boxes, or optical distribution points where field termination of connectors is impractical. They are usually short and flexible, allowing easy handling and precise splicing .

Pigtail Cables

The term pigtail cable is sometimes used interchangeably with pigtail, but it generally refers to a pre-terminated cable assembly that functions similarly to a pigtail. It may include a protective jacket and is intended for short-distance connections between devices or panels. Unlike standard fiber optic cables, which have connectors on both ends, pigtail cables have a connector on one end only, with the other end left bare for splicing

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