

Article Overview

Splitter terminals are devices used to divide electrical or optical signals into multiple outputs, commonly used in wiring and fiber optic networks.

Overview

Splitter terminals serve as junction points where a single input signal is split into multiple outputs. They are widely used in electrical wiring systems for distributing power or signals and in fiber optic networks for splitting optical signals in FTTx (Fiber to the x) applications .

Types of Splitter Terminals

1. **Electrical Wire Splitter Terminals** These are used to connect multiple wires to a single source safely. They are commonly found in household or industrial wiring setups and can be purchased online through platforms like Shopee and Lazada in the Philippines . Features include:

- o Multiple connection points for wires
- o Insulated or non-insulated designs

2. **Fiber Optic Splitter Terminals** These terminals are designed for optical networks, particularly in FTTx systems. Examples include:

- o **Splitter Termination Boxes (SFTB):** Can accommodate multiple splices and adapters, suitable for indoor/outdoor use, and often made of ABS material for durability .
- o **Evolv(R) Splitter Terminals:** Compact terminals with Pushlok(R) technology, ideal for distributed split access networks, handholes, pedestals, or aerial installations .
- o **2-Port FTTH Optical Fiber Terminal Boxes:** Designed for residential or small office applications, supporting dual-core optical fiber input and output, with internal space to store excess fiber .

Applications

- o **Electrical Splitters:** Power distribution, signal branching in control panels, and connecting multiple devices to a single source.
- o **Fiber Optic Splitters:** Broadband internet, LAN networks, cable TV distribution, and data communication systems. They ensure efficient signal distribution while protecting fiber integrity .

Key Features

- o Compact design for space-limited installations
- o Durable materials like ABS for outdoor use



Splitter Terminals

- o Multiple ports for splitting signals efficiently
 - o Ease of installation with preloaded adapters or connectors
 - o Protection of cables/fibers with proper internal routing and curved radius management
- Splitter terminals are essential for both electrical and optical networks, providing reliable signal distribution, protection, and organization in residential, commercial, and industrial setups.

PPC's Splitter Terminal Box (SFTB) is developed for FTTx applications, and can accommodate up to 48 splices and 24 SC simplex/

10Pcs 2 in 4 Lever Wire Connector Compact DIY Quick Connect Push-in Splitter Cable Splicing Butt Terminal Block Connectors -

DSF9F100D1NC000S0P Evolv[®]; Splitter Terminals with Pushlok[®] technology offers the smaller terminals for FTTX

Evolv[®]; Splitter Terminals with Pushlok[®] technology offers the smaller terminals for FTTX networks than

Customize your solution from an extensive range of offerings including M8, M12, M16, 7/8", Valve and

Male and female tenons on both sides, two or more terminals can be spliced side by side, infinitely

Our wire connectors and wire terminals are available in bulk, and ship fast to help you get the job done on

Choose from our selection of splitter terminals in a wide range of styles and sizes. In stock and ready to ship.

Choose from our selection of electrical splitters, including outlet splitters, extension cord splitters, and more. Same and Next Day

The OptiSheath[®]; MultiPort Splitter Terminal is designed for use in outside plant fiber access networks. This innovative terminal

From crimp ring terminals to bootlace ferrules and butt splices, we stock a wide range of electrical terminals and splices for use with

Block Splitters at CPC. Competitive prices from the leading Block Splitters distributor. Check our stock now!

TE offers a broad portfolio of electric wire terminals and splices. From rings and spades to crimp terminals,



Splitter Terminals

Discover the types of splice terminals, including OptiTap™, SFST, SST. Learn how to choose the right one for your fiber optic

20Pcs 1 to 2 Quick Splitter Wire Terminals, AWG 28-12 Lever Nut Wire Connector (Wire Need Strip), Rated 250V 32A Splicing

One-Elec offers you a wide choice of Schneider and Legrand Terminal Blocks And Splitters for electrical panels. Choose the

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