

Article Overview

Fiber distribution boxes in Saudi Arabia are widely available from suppliers like Azra IT Systems, D-Connect, and Arabian Power, offering a range of core capacities, outdoor protection, and FTTH-ready solutions.

Overview

Fiber distribution boxes (FDBs) are essential components in FTTx networks, serving as the termination point for feeder cables and the connection to drop cables. They integrate splicing, splitting, distribution, storage, and cable management into a single unit, ensuring reliable and organized fiber optic connections . These boxes are used in both indoor and outdoor environments, with protection levels up to IP65, making them resistant to water, dust, and external forces .

Core Capacities and Types

Saudi suppliers offer a wide range of FDBs to meet different network requirements:

- o Core counts: 2, 4, 6, 8, 12, 16, 24, 32, 36, 48, 72 cores .
- o Materials: Durable ABS PC, impact-resistant, corrosion-resistant .
- o Applications: FTTH (Fiber to the Home), outdoor splitter/distribution, patch panels, and fiber closures .
- o Mounting options: Wall-mounted, pole-mounted, or indoor floor-standing cabinets .

Local Suppliers and Services

- o Azra IT Systems (Riyadh): Offers branded FDBs from manufacturers like Corning, Commscope, Panduit, and Molex. They provide customized solutions, including outdoor splitter boxes and full FTTH infrastructure support .
- o D-Connect: Supplies fiber optic solutions, copper cabling, network cabinets, and outdoor telecom enclosures. They maintain local stock in Riyadh and Jeddah and provide technical support and warranty services .
- o Arabian Power: Provides sales, installation, splicing, testing, and maintenance of fiber optic networks. They also offer technical training and expertise in OPGW splicing and FTTH technology .
- o Amazon.sa: Offers smaller-scale FDBs, such as 4-core FTTH boxes, suitable for home or small business installations, with IP65 protection and durable construction .

Key Features to Consider

- o Protection level: IP65 or higher for outdoor installations.
- o Durability: Impact and corrosion resistance for long-term reliability.
- o Capacity: Choose core count based on network size and expansion plans.

Saudi Arabia Fiber Distribution Box

- o Compatibility: Ensure adapters and patch cords match your existing fiber infrastructure.
- o Support services: Installation, splicing, testing, and maintenance are critical for network performance.

Conclusion

Saudi Arabia has a robust market for fiber distribution boxes, with suppliers offering a wide range of core capacities, durable materials, and FTTH-ready solutions. Companies like Azra IT Systems, D-Connect, and Arabian Power provide both products and technical services, ensuring reliable deployment and maintenance of fiber optic networks across residential, commercial, and enterprise applications .

Wide Application: This fiber optic box is widely used for the protective connection of fiber optic cables and distribution pigtails, and is

Scope This document specifies the minimum technical requirements for design, engineering, construction, manufacture, inspection,

Fiber distribution box can splice up to 12 cores, and the inner part is equipped with a large splice box, which is more convenient for

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The 144-Core Outdoor FTTH Optical Fiber Cross-Connect Cabinet is specifically designed for high-intensity applications. It is

The Optinor range of distribution box is designed for external environment. This fibre optic FTTH terminal box is developed for FTTH

The Saudi Arabia Fiber Optic Distribution Box Market is expected to witness sustained global growth driven by

The Optinor range of Fibre distribution box is suitable for optical fibre splicing, distribution, and protection. It is a reasonable design

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Saudi Arabia Fiber Distribution Box

The OptiNor range of Floor distribution box cabinets designed for external environment. It's available in different sizes with splice

About this item The 4-core optical fiber distribution box is used for the fusion splicing, splitting, wiring transmission and other

Product Description Item Type:Fiber Optic Distribution Box Material: PC Alloy, ABS Waterproof Rating: IP65 Can Be Installed: 12

Systematic Energy Company (SECO) is a well known national company which is conducting business in the Kingdom of Saudi

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