

Price List of Outdoor Optical Cable Distribution Cabinets

Article Overview

Outdoor optical distribution cabinets (ODC/FDC) prices vary widely depending on capacity, type, and customization, typically requiring a quote from suppliers.

Overview of Outdoor Optical Distribution Cabinets

Outdoor optical distribution cabinets are watertight, secure enclosures used for cross-connecting fiber optic feeder and distribution cables in FTTx or FTTH networks . They can be floor-standing, wall-mounted, or pole-mounted, and are designed to house optical splitters, patch panels, and other passive components . Cabinets are available in single or double-walled designs, with IP65-rated protection for outdoor environments .

Factors Affecting Price

- o Capacity: Cabinets are rated by the number of fiber cores they can accommodate, ranging from 1-24 cores for smaller boxes to 144 cores or more for large distribution nodes . Higher capacity cabinets cost more.
- o Material and Durability: Outdoor cabinets are made from high-impact ABS+PC or metal alloys, providing mechanical protection and weather resistance .
- o Customization: Suppliers offer customized dimensions, rack-mount compatibility, and integration with PLC splitters, WDM, or OLT equipment, which affects pricing .
- o Installation Type: Wall-mounted, pole-mounted, or ground-mounted installations may influence cost due to design and mounting hardware requirements .
- o Supplier and Region: Prices vary by manufacturer and location. Companies like Grandway, PHX Fiber, OTRANS, and Idea Optical provide competitive pricing but typically require a quote request for exact figures .

Typical Price Ranges

While exact prices are often customized, general estimates based on industry standards are:

- o Small outdoor FDC/ODC (up to 24 cores): \$150-\$400 per unit
- o Medium cabinets (48-72 cores): \$400-\$800 per unit
- o Large cabinets (96-144 cores or more): \$800-\$1,500+ per unit, depending on customization and features For bulk orders or highly customized solutions, suppliers usually provide wholesale quotes.

How to Obtain Accurate Pricing

- o Contact Suppliers Directly: Reach out to manufacturers like Grandway, PHX Fiber, OTRANS, or Idea Optical for a detailed quote based on your network requirements .



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- o Specify Requirements: Include fiber core capacity, mounting type, environmental protection, and any integrated equipment.
- o Request Bulk Discounts: Many suppliers offer cost reductions for large orders or long-term contracts.

Conclusion

Outdoor optical distribution cabinet prices are highly variable and depend on capacity, materials, customization, and installation type. For precise pricing, it is recommended to request quotes from multiple suppliers while specifying your network needs to ensure cost-effective procurement .

Overview: The Fiber Optic Distribution Cabinet (FDC) is a weatherproof outdoor enclosure designed for

Explore Optical Hub and Broadband Cabinets from Charles Industries, including OLT & OTN Cabinets for

This SMC Fiber Optic Cross Connection Outdoor Distribution Cabinets designed for fiber optic rack-mountable hardware and used in

Discover Fiber Distribution Hubs (FDHs), fiber cabinets, and other outdoor cabinet solutions by CommScope. Efficiently manage your

CABINETS FOR TELECOMMUNICATION & IT Outdoor enclosures and cabinet systems with permanent protection factor The

Grandway provides optical distribution cabinet (ODC, FDH) customized product design in the FTTx network. Our fiber optic

Pigtails in distribution area with length of 2 meters, equipped with pigtails management unit, clear for

No matter what your application, LongXing has there sources and experience to understand the requirement and to design and build

FDI-CABINET Fiber Distribution Interface (FDI) Cabinets & Kits Outdoor cabinet (empty), 480 F, holds 20 splice trays Typically ships

With our wide selection of fiber optic cabinets and customization options, we can meet your needs. Feel free to give us a call or

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Explore optical distribution frames (ODF) with efficient distributed chassis solutions at CommScope

Fiber Cabinet Field Solutions Fiber cabinet field solutions refer to specialized cabinets and equipment

American Products manufactures BABA-compliant fiber optic enclosures, distribution cabinets, and PON hubs. FOA-certified

Manufacturers design fiber optic cabinets to protect fiber optic cables in indoor and outdoor environments. Also known as fiber optic

LongXing supplies outdoor optical cross connection cabinet which is a perfect solution for outdoor fiber connection and distribution

Outdoor optical distribution cabinets, usually in the form of street furniture, are watertight, secure devices that are used for outdoor

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