

Article Overview

XQJ cable trays come in ladder, tray, and trough types, designed for versatile cable management in indoor and outdoor environments.

Overview of XQJ Cable Trays

XQJ series cable trays are mechanical support systems used for power cables below 12KV, control cables, and lighting wiring in overhead cable trenches, tunnels, and building installations . They are widely applied in industrial, commercial, and data center projects due to their high strength, corrosion resistance, and flexible installation options .

Types of XQJ Cable Trays

o Ladder Type

- o Features open rungs for excellent ventilation and heat dissipation.
- o Not dust-proof or interference-proof, making it suitable for general power cable installations .
- o Ideal for high-load applications where airflow is important.

o Tray Type

- o Solid-bottom design providing dust-proof and anti-interference protection.
- o Suitable for sensitive control, communication, or computer cables .
- o Can be installed overhead, under floor slabs, or along walls and tunnels.

o Trough Type

- o Fully enclosed or semi-enclosed design for maximum protection against dust, interference, and corrosive environments .
- o Often used for control cables in industrial or harsh environments.
- o Available in various dimensions and lengths, with customizable side rail heights.

Material and Surface Treatments

XQJ cable trays are typically made of steel and can be treated with:

- o Hot-dip galvanizing for superior corrosion resistance and durability
 - o Electro-galvanizing or electrostatic powder coating
 - o Zinc plating with plastic spraying or fire-proof painting
 - o Nickel galvanization for specialized environments
- These treatments ensure long-lasting performance in both indoor and outdoor installations.

Xqj type cable tray

Installation and Features

- o Composed of brackets, supporting arms, and installation accessories .
- o Can be mounted independently or attached to building structures, pipe galleries, or open-air columns.
- o Designed for flexible configuration, simple construction, and easy maintenance.
- o Suitable for multi-layer bridges with symmetrical support using I-steel columns for large installations .

Applications

XQJ cable trays are used in:

- o Nuclear and thermal power plants
 - o Petrochemical and industrial facilities
 - o Railways and commercial buildings
 - o Data centers and telecom infrastructure
 - o Special environments requiring high mechanical and corrosion resistance
- Key Advantages: High load capacity, impact resistance, corrosion protection, flexible installation, and suitability for sensitive or harsh environments.

Horizontal tee fittings join cable trays in three directions. Rail heights range from 4" to 7", widths range from 6" to 36" and radiuses

Discover the main types of cable containment systems--trays, trunking, and conduits--and

Main features XQJ series cable tray has the characteristics of full variety, wide application, high strength, light structure, low cost,

XQJ series cable trays have the characteristics of complete varieties, wide application, high strength, light structure, low cost, simple

Type width × height L L1 -3A 50x50 450 250 75x50 475 275 100x75 540 320 150x75 590 400 200x100 700

XQJ-T1-01A Steel Galvanized Ladder Type Bridge offers a max working load, modern design, and durable construction. Perfect for

Our Tray Type Cable Tray XQJ Model is a robust, enclosed cable management solution designed to organize and protect electrical

Xqj type cable tray

Tray/ladder-type steel cable trays with hot-dip galvanizing, electro-galvanizing or electrostatic powder coating (corrosion protection).

XQJ Series Cable Tray Indicates the specification or specification serial number (marked with Arabic numerals) indicates the

Cable Tray Supplier, Solar Panel, Cable Tray Manufacturers/ Suppliers - Jiangsu Zexin Electric

XQJ Type Channel Type Cable Tray Suppliers - High Quality China XQJ Type Channel Type Cable Tray products, Find XQJ Type

PW Steel cable tray provides the heavy duty support required for large power cables. Tray construction and markings are per the

Technical parameters, construction layout drawings and reference specifications for XQJ-C cable trunking and related fittings. The

The company mainly produces XQJ steel series cable trays, LQJ aluminum alloy series cable trays, and NDH fireproof series cable

1. What Is Pre Galvanized Cable Ladder? Pre-galvanized cable trays are a type of cable management system used to organize and

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