

Pricing of cable trays for data centers in the Philippines

Article Overview

Cable trays in the Philippines range from approximately PHP1,310 to PHP5,307 per piece, depending on material, size, and type, with galvanized steel and fire-resistant options preferred for data centers.

Price Range and Materials

Cable trays in the Philippines are priced between PHP1,310.24 and PHP5,307.10 per piece, depending on the material and size . Common materials include:

- o Galvanized steel: Strong, cost-effective, and corrosion-resistant, widely used for indoor data center installations .
- o Stainless steel: Offers higher corrosion resistance, suitable for humid or coastal environments .
- o PVC or FRP (Fiber Reinforced Plastic): Lightweight, corrosion-resistant, and ideal for highly corrosive or chemical-prone areas .

Types of Cable Trays

For data centers, the most commonly used types are:

- o Ladder trays: Provide strong support for heavy cables and allow easy cable entry/exit, ideal for horizontal and vertical runs .
- o Perforated trays: Offer ventilation to prevent overheating of data and power cables .
- o Wire mesh trays: Lightweight and flexible, suitable for IT infrastructure and telecom applications .

Supplier and Market Considerations

The Philippine cable tray market is largely import-dependent, with Chinese and Southeast Asian manufacturers dominating supply . Key considerations for procurement include:

- o Load-bearing capacity: Ensure the tray can support the weight of data center cables.
- o Fire resistance: Critical for data centers; prioritize trays with fireproof ratings and valid test reports .
- o Corrosion resistance: Hot-dip galvanized or stainless steel coatings are recommended for humid climates.
- o Supplier reliability: Choose suppliers with proven export experience and flexible minimum order quantities (MOQ), especially for specialized projects .

Installation and Maintenance

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Cable trays provide organized cable management, improved airflow, and easy access for maintenance, but installation requires skilled labor, particularly for large-scale data centers. Regular inspection is necessary to prevent cable damage, corrosion, or degradation over time.

Summary

For data centers in the Philippines, galvanized steel ladder or perforated trays are the most practical choice, balancing cost, durability, and fire safety. Prices typically range from PHP1,310 to PHP5,307 per piece, with higher-end options offering enhanced fire resistance, corrosion protection, and load capacity suitable for critical IT infrastructure.

The table below shows the latest retail May 2024 prices of Cable Tray in Philippines Peso price per pieces including its size and

Below are the electrical work price list for materials such as cable tray, conduit, wires and other materials needed for

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