

Maltese FRP Cable Tray Specifications and Prices



Overview

A cable tray is a few meters long. The straight length of an ordinary cable tray is generally 2 meters.

Key Takeaways

Maltese FRP cable trays are lightweight, corrosion-resistant, flame-retardant systems available in ladder and channel types, suitable for industrial, commercial, and residential applications.

Types and Structure

- **FRP Ladder Cable Tray:** Features two longitudinal side rails connected by multiple rungs, providing excellent ventilation and heat dissipation. Ideal for supporting multiple cables in industrial and building wiring systems .
- **FRP Channel Cable Tray:** Has a perforated bottom with integral side rails, often used with flat or peaked covers for fire, moisture, dust, and mechanical protection. Suitable for offices, hotels, and areas with snow or particulate accumulation .
- **Covers:** Flat covers are common for general protection, while peaked covers help shed snow or debris, reducing load on the tray .

Material and Performance

- **Material:** Pultruded fiberglass reinforced polyester (FRP) with UV inhibitors and corrosion-resistant additives .
- **Mechanical Properties:** High strength-to-weight ratio, impact-resistant, non-conductive, and lightweight compared to steel .

- **Fire and Safety:** Flame-retardant polyester resin, often meeting BS476 Part 7 and ASTM E84 standards; some systems use anti-static resins for sensitive environments .

- **Accessories:** Coupler plates, stainless steel fasteners (SS304), elbows, tees, reducers, and support channels for cantilever or trapeze installations .

Applications

- **Industrial:** Oil & gas, chemical plants, refineries, water treatment, and offshore platforms .

- **Commercial:** Office buildings, hotels, supermarkets, and residential complexes .

- **Environmental Resistance:** Suitable for harsh conditions including chemical exposure, UV radiation, and moisture .

Pricing Guidance

- **Price Range:** FRP cable trays are generally more expensive than standard steel trays due to material and corrosion resistance, with prices influenced by tray width, length, load rating, and accessories. Typical ranges for standard ladder or channel trays are €50–€150 per meter, excluding installation and custom fittings. Covers, special resins, or anti-static options may increase costs .

- **Procurement:** Local distributors or suppliers in Malta may provide quotes based on project specifications. International suppliers like Unitech, Creative Composites, and Oglænd System offer FRP trays suitable for Maltese conditions .

Installation Notes

- Bolted connections using stainless steel fasteners ensure corrosion resistance.

- Side runners and accessories have pre-drilled oblong holes for coupler plates.

- Lightweight design reduces installation time and structural load . Maltese projects benefit from FRP cable trays due to their durability, low maintenance, and suitability for corrosive or humid environments, making them a preferred choice over traditional steel or aluminum trays.

Article Content

Fiberglass Cable Tray

Our Fiberglass tray weighs 1/3 that of steel trays and is pound for pound stronger. This makes the tray easy to install, reduces the

FRP Cable Tray Catalog Features & Specs & Applications

7. FRP Cable Tray Ideal for Managing and Protecting Cables FRP cable tray is the support system for managing cables and protect

FRP Cable Tray Specification for Offshore

FRP Cable Tray Specification for Offshore The document is a functional specification for FRP (fibre glass reinforced plastic) cable

FRP Cable Tray Sizes and Specifications | Complete Guide

This guide walks through every specification parameter systematically — cable tray types, standard sizes and widths,

Frp Cable Tray Solutions Catalogue

A cable tray is a few meters long The straight length of an ordinary cable tray is generally 2 meters. However, other common lengths

Malaysia FRP GRP Cable Ladder / FRP Cable Tray

These FRP ladder and FRP Cable Tray are engineered using special formulated fire retardant resin system and perfect fiberglass

Fiberglass Reinforced Plastic (FRP) Cable Tray

(FRP) Cable Management Systems are designed, manufactured, and tested to be installed in most harsh environmental conditions

Fiberglass (FRP) Cable Tray for Extreme Conditions

Made from the highest quality pultruded materials, our Fiber Reinforced Polymer (FRP) cable tray is extremely durable and resistant

FRP Cable Tray Technical Specification

The document provides a technical specification for fiber reinforced plastic (FRP) cable trays and accessories. It outlines codes and

TECHNICAL SPECIFICATION

1.2 The design, material, construction, manufacture, inspection, testing and performance of FRP Cable Trays & Accessories shall

FRP Cable Tray Specification for Offshore

The document is a functional specification for FRP (fibre glass reinforced plastic) cable tray systems for use on offshore platforms. It

Fiberglass (FRP) Cable Tray for Extreme Conditions

Enduro cable tray and cable ladder sets the industry standard for high-quality fiberglass cable tray. Our FRP cable tray is extremely

FRP Cable Trays, FRP Cable Tray Accessories, Manufacturer, Pune,

Cable trays are used to support power cables and control cables for indoor and outdoor applications. G.I/M.S. cable trays erode,

FRP Cable Tray specifications External revision 1

— Section 2 - Cable tray design 2.01 Straight section structural elements; side rails, rungs and splice plates shall be pultruded from

FRP Cable Tray

FRP cable tray with tray and ladder type has various colors and fittings to be used in the high corrosive and erosion outdoor

FRP Cable Tray Cost Calculator: Complete 2026 Pricing Guide

Complete FRP cable tray pricing guide for 2026. Cost per meter, accessories, project budgeting, comparisons. Expert

FRP Cable Trays - Mahavir Industrial Corporation

Sintex FRP Cable trays are safe, durable, and cost effective for routing & supporting cables. Manufactures as per NEMA / BIS /

FRP Cable Tray Manufacturer in India

Perforated FRP cable tray Perforated FRP cable tray the most common specification for power cable runs. Ventilation slots in the

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