

Article Overview

Iranian cable trays are available in metal (galvanized steel) and PVC types, with various sizes, coatings, and configurations to suit industrial, commercial, and residential applications.

Metal Cable Trays

Material and Coating: Iranian metal cable trays are typically made from galvanized steel, including ST37 steel, with coatings applied either by hot-dip galvanization (60-70 microns, highly resistant to moisture and corrosion) or cold galvanization (10-20 microns, suitable for dry environments) . **Dimensions:**

- o Thickness: 0.5 mm to 3 mm
 - o Width: 50 mm to 1100 mm
 - o Length: 2 m to 3 m
 - o Edges and height are designed according to cable load and number of cables . **Types and Configurations:**
 - o Perforated trays: Allow ventilation and heat dissipation
 - o Ladder trays: Suitable for heavy-duty industrial cables
 - o Solid-bottom trays: Protect cables from dust and debris
 - o Accessories: Include elbows, tees, connectors, wall supports, roof supports, and conversion pieces .
- Applications:** Metal trays are preferred in industrial, acidic, wet, or humid environments due to their durability and fire resistance .

PVC Cable Trays

Material and Features: PVC trays are non-combustible, self-extinguishing, and resistant to acids, chemicals, UV rays, and rodents. They have smooth corners to prevent cable damage and are conductive-safe if cables are damaged . **Sizes:** Available in multiple sizes, such as 60x150 mm and 60x200 mm, with lockable doors for easy access and maintenance . **Advantages:**

- o Long lifespan in humid or chemical environments
- o Lightweight and corrosion-resistant
- o Suitable for areas where metal trays may corrode quickly .

Selection Considerations

When choosing an Iranian cable tray, consider:

- o Cable load and number of cables
- o Environmental conditions (humidity, chemical exposure)

Iranian Cable Tray Type

- o Coating type (hot-dip for high moisture, cold for dry areas)
- o Support systems and installation method
- o Fire safety requirements (metal trays are preferred in high-risk areas) . Iranian manufacturers provide a wide range of customizable trays to meet specific project requirements, ensuring safety, organization, and long-term durability in electrical installations .

Often unheralded, cable trays play a vital role in tray cable installations throughout industrial, commercial, and residential projects.

We offer a wide range of cable tray systems to support tubing, electrical cables and instrumentation. Our

Delta is among the leading cable tray manufacturers in UAE, offering high-quality GI cable trays, GI trunking, and cable ladders that

EXPORT-ready Cable tray and cable ladder made in Iran by .Tafakornia Industrial Group.. Specs, certifications, minimum order

Alborz Industrial Group is the first and only manufacturer of PVC cable trays in Iran, which has been able

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To order a cable tray and its accessories must be taken into account its technical specifications, according to the thickness of the

Cable trays are components of support systems for power and communications cables and wires. A cable tray system supports and

Cable House has earned loads of appreciation in the market as one of the reputed manufacturers of Cable Tray in Iran. Since we are

For getting technical information of cable tray and ladder and related accessories Please click on below link (Taliran cable tray and

Types Overview and Components SFSP cable trays and accessories from SFSP are manufactured from steel sheets in accordance

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H: 40, H50, H60, H80, H100 Cable Trays, Bendings, Accessories

Bahra Electric Cable Trays are an essential component of any well-designed electrical infrastructure,

A cable tray is a structural system used to support and manage electrical cables in various settings, such as industrial, commercial,

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