

Gel  
Earthing

Slotted  
Angle

Cable Tray



Ladder  
Cable Tray



# JP ELECTRICAL & CONTROLS

An ISO 9001 : 2015 Certified Co .

Manufacturers & Suppliers of : Electric Panels, Cable Trays, Raceway,  
Ladder Cable Tray, Earthing, Racks, Solar Structure, Slotted Angle, C-Channel,



# Content

---

Company Profile **01**

Control Panel **02-03**

Cable Tray **04**

Welded Ladder Cable Tray **05**

Wire Mesh Cable Tray **06**

Raceway / AL. Raceway **07**

Path / Walk Way **08**

Slotted Angle **09**

Racks **10-12**

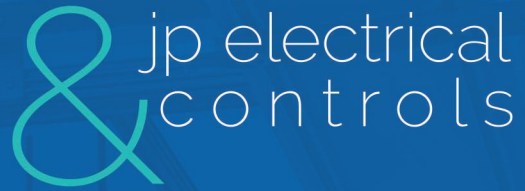
Earthing Solution **13-14**

Solar Module Mounting Structure **15**

Applications **16**

Our Valuable Clients **17**

# Company Profile



Established in the year 2011, we JP Electrical & Controls, are a renowned manufacturer, exporter and supplier of Cable Tray Products and Panels. In the range of Panels, we Aluminum Cable Trays, Perforated Cable Tray, Ladder Cable Tray, Raceway, Junction Boxes, C Channel, Earthing Material, Slotted angle and Slotted Angle Racks and Control Panel, AMF Panel, APFC Panel, LT Panel, Power Control Panel, and Earthing Material, Bus Bar Ducts . offer and much more. In addition, we are also a service provider of After sales and Repairing Services. Our offered LT Panel and LT Panel Board has a compact design and free from weld burrs. It has strong resistance against earthquake, shock and scillation. Not only this product, but all our products are cost-effective, easy to install and give optimum performance. Apart from above mentioned products, we also provide LT Panel, LT Panel Board, APFC Panel, Control Panel, Power Control Panel, Bus Bar Ducts, AMF Panel, All Type Electrical Panel . We are supported by a sound manufacturing unit and a team of talented engineers that help us in the development of unbeatable quality products. We offer the product gamut at affordable prices to suit the budget of our clients.

## Our Vision

- We have the conviction to be the leader in building & construction industry through :
  - Providing Excellence in Services with Passionate and Educated Sales Force
  - Strengthen Culture through Unified Sense of Purpose
  - Innovative Product Range which is Customer Centric
  - Reputable and Quality Service Company
  - Attracting, Engaging and Retaining Talen

## Our Certifications



# Cable Tray

## Perforated Cable Tray

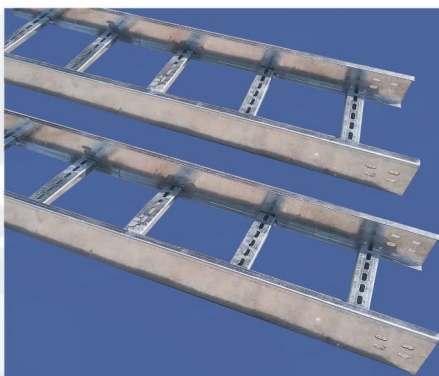
Our organization is the leading supplier of GI Perforated Cable Trays. These are manufactured by our vendor, India Electrical Syndicate with premium grade mild steel, GI aluminum and stainless steel according to the defined industrial standards. Cable trays are in high demand by Power Plants, Electricity Board, Engineering and many other Industries. Our cable trays are known for their various features like corrosion resistance, durability and reliable performance. Customers can purchase these from us at the market leading prices.

### Features:

**JP ELECTRICAL & CONTROLS designs and manufactures Perforated Type Cable Trays for various industries. The Perforated type cable trays are made available in different sizes with variety of materials and finishes.**

- The cable trays fittings includes Horizontal Bends, Vertical Bends (Inside and Outside), Reducers Bends, Cross Bends, Tee Bends and Clamps of the Cable Tray are also available.
- Customers also have the option of customized cable trays.
- Covers for perforated cable tray are available in Powder Coated, Pre-Galvanized and Hot-Dip Galvanized.

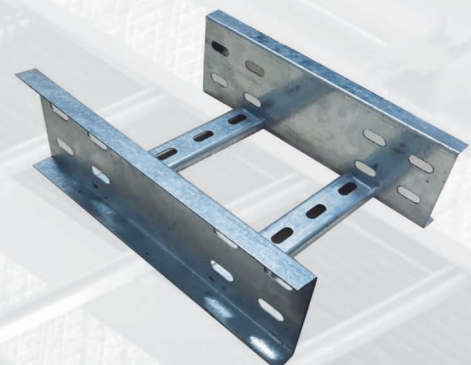
Brand	JPE
Width	50-1200 mm
Height	25mm - 200mm
Thickness	1mm - 4mm
Length	2500mm - 3000mm
Finish	Painted, Powder Coated, Hot Dip Galvanized, Pre-Galvanized, electro Plated
MOC	MS, GI, SS, Aluminium



## Ladder Cable Tray

One of Central India's ISO accredited leading High Quality precision Sheet Metal Fabrication & Galvanization facilities, Unit manufacturing Ladder Type Cable Tray conforming to international standards by adhering to standard, processes and performance parameters focusing on cutting edge technology and customer needs led by experienced technical know how technocrat skilled personnel & design team, ensuring high volumes with consistent quality.

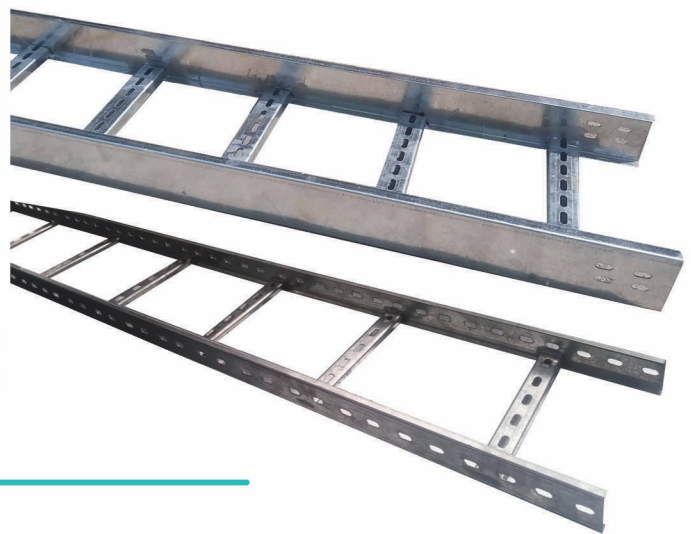
Brand	JPE
Width	50-1400 mm
Height	50mm - 200mm
Thickness	1mm - 4mm
Length	2500mm - 3000mm
Finish	Painted, Powder Coated, Hot Dip Galvanized, Pre-Galvanized, electro Plated
MOC	MS, GI, SS, Aluminium



# Welded Ladder Cable Tray

Ladder Cable trays are used to distribute cable and is design carefully keeping in mind industrial requirements. These trays are manufactured using top quality material and are available in various sizes. We can offer customized solution for all the products.

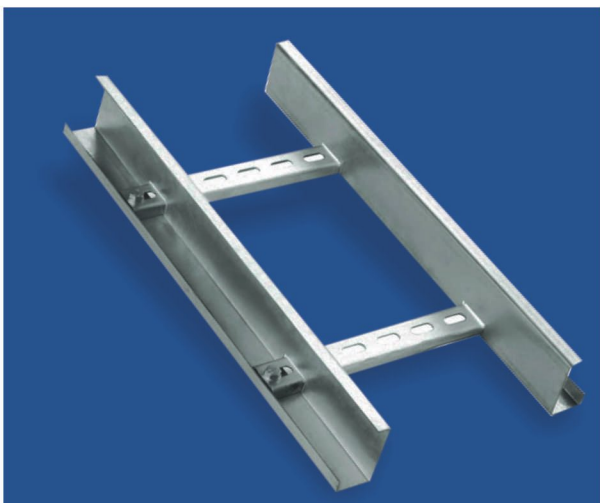
**Strength :** Light, Medium & Heavy Duty. These cable trays also available as Welded Type with high grade galvanized sheet and other materials such as painted and powder coated finish on mild steel. The entire manufacturing is undertaken by our trained quality analysts. Ladder cable tray offer high strength as per specification which made them perfect for heavy-duty power distribution in industries, Manufactured using pre-galvanized mild steel. These Ladders are available in width ranging from 150mm to 1200 mm and height ranging from 50 mm to 200 mm. Available in standards length of 2500 mm.



# Bolted Ladder Cable Tray

Ladder Cable trays are used to distribute cable and is design carefully keeping in mind industrial requirements. These trays are manufactured using top quality material and are available in various sizes. We can offer customized solution for all the products.

**Strength :** Light, Medium & Heavy Duty. These cable trays also available as Welded Type with high grade galvanized sheet and other materials such as painted and powder coated finish on mild steel. The entire manufacturing is undertaken by our trained quality analysts. Ladder cable tray offer high strength as per specification which made them perfect for heavy-duty power distribution in industries, Manufactured using pre-galvanized mild steel. These Ladders are available in width ranging from 150mm to 1200 mm and height ranging from 50 mm to 200 mm. Available in standards length of 2500 mm.



Brand	JPE
Width	50-1100 mm
Height	25/35/40/60/75/100/150/200 mm
Thickness	1.2/1.6/2.0/2.5/3.0 mm
Length	2500/3000 mm
Perforated Cable Tray	Light Duty, Medium Duty, Heavy Duty



## Wire Mesh Cable Tray

- A job site, field adaptable support system primarily for low voltage telecommunication and fiber optic cables. These systems are typically steel wire mesh, zinc plated. b. Standard widths of 1.5, 2, 4, 6, 8, 12, 16, 18, 20, and 24 inches
- Standard depths of 1, 2, and 4 inches
- Standard length of about 10 feet (118") Wire Mesh tray is generally used for telecommunication and fiber optic applications and are installed on short support spans, 4 to 8 feet Other sizes be produced according to customer's drawing.

Brand	JPE
Width	50-600 mm
Height	40mm - 100mm
Thickness	3mm - 6mm
Length	2500mm - 3000mm
Finish	Hot Dip Galvanized, Electro Plated
MOC	MS, GI, SS, Aluminium

### Wire Mesh Cable Tray Surface Finish:

- Electro zinc plated—for indoor use to BS EN 12329-2000, 12microns thick.
- Hot Dipped Galvanized—for outdoor use to BS EN 1461-1999, between 60 and 80 microns thick
- Electrolytic Polishing—for stainless steel use

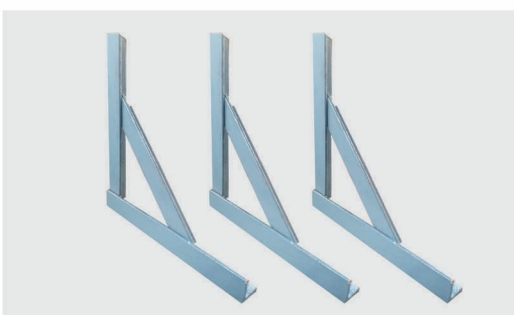


## C-Channel

Enriched with long years of experience in the industry, we are engaged in offering an extensive range of C Channel Cable Tray. These are highly acclaimed among our clients for their reliable nature and superior finishing. Offered products support insulated electric cables and are available in market in various specifications as per the clients needs. Additionally, these are available at affordable prices.

## U-Channel

Enriched with long years of experience in the industry, we are engaged in offering an extensive range of C Channel Cable Tray. These are highly acclaimed among our clients for their reliable nature and superior finishing. Offered products support insulated electric cables and are available in market in various specifications as per the clients needs. Additionally, these are available at affordable prices.



## Cable Tray Stand

We are manufacturer and supplier of Cable tray support. Our products are quality checked on well-defined parameters, to deliver defect free range at clients" end

# Raceway / AL. Raceway

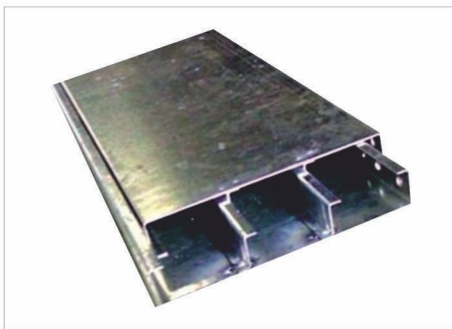
We are fulfilling demands of customers with highly sturdy, quality approved and effective array of products. Our products are manufactured from superior quality raw material that we source from reliable vendors of the market. The products offered by us are easy to use and available as per the industry standards. Our products are manufactured by our professionals and engineers as per the quality parameters and using latest techniques. Besides these, the offered products are widely known for their effective usage, accurate dimensions, robust construction and many more.

Brand	JPE
Width	50-1200 mm
Height	25mm - 200mm
Thickness	1mm - 4mm
Length	2500mm - 3000mm
Finish	Painted, Powder Coated, Hot Dip Galvanized, Pre-Galvanized, Electro Plated
MOC	MS, GI, SS, Aluminium



## Compartment Raceway

Cable Trunking Two & More Compartment is used primarily for light duty applications like data cables, telecommunications, control cables these are Solid Bottom Trays provided with Cover & either are compartmentalized or not depending on site conditions. This product is also known as Cable Raceways and GI Raceway



## Cable Tray Cover

Cable tray cover is used primarily for light duty applications like data cables, telecommunications, control cables these are Solid Bottom Trays provided with Cover & either are compartmentalized or not depending on site conditions.



# Path / Walk Way

The Contractor is responsible to be knowledgeable with provisions contained herein and with other Sections of this Specification as applicable to the work pertaining to this section.

We are the dynamic, business-oriented organization, ranking among the utmost entities in offering a wide collection of Rooftop Walkway. Its main purpose is to facilitate a person to stand, move and work suitably, without any complexity.

The provided products are suitable for Cuplock. These planks are made of G.I and M.S sheet and punched through to provide skid free surface.

The offered range provides access through an opening, by permitting mobility.



Brand	JPE
Width	300-600mm
Height	30mm - 50mm
Thickness	1.6mm - 3mm
Length	2500mm - 3000mm
Finish	Hot Dip Galvanized, Pre-Galvanized, Electro Plated
MOC	MS, GI



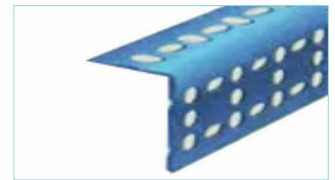
## Walkway Planks

We supply Thick steel Scaffolding Walkway Planks for platforms in Chennai which hold heavy loads and withstand movements. Generally, made of hot dipped, galvanized steel, which offers long-term corrosion resistance, it won't rot, absorb moisture, split, splinter, swell, warp or burn, thereby providing considerable life-cycle cost savings. While weighing less than the average wood scaffold plank, steel scaffolding is stiffer over any given span, reducing bounce and providing a more stable platform.

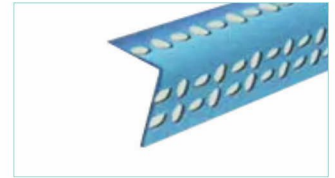
Steel Scaffold may range from individual planks placed on structural members of the building to involved patent scaffolding.

# Slotted Angle

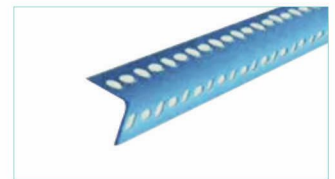
Time-tested Versatile & Conventional Slotted Angle Shelving Systems. Slotted angles are manufactured using the state of the art CNC controlled continuous roll forming machines having high quality progressive tooling which ensures high accuracy in punching of the slotted angle. High strength hot rolled steel is used to make the slotted angles in sizes of 40 mm x 40 mm, 40 mm x 60 mm & 40 mm x 80 mm in different lengths upto 3600 mm in length ( lengths up to 6000 mm is also possible on request ). Our slotted angle system is an all purpose framing system having pre punched holes pattern which can be bolted together to make economical shelving, racking, binning, work tables, trolleys, mezzanine floors which can be tailor made as per the customers requirement's. Designed to be a truly multi-purpose product, slotted angle's will provide self-assembled, simple and fast solutions to many of the challenges of your warehouse, factory or construction site. Available in 3 standard sizes, slotted angle sections come powder coated or galvanized as per customer requirements and are easily cut down to size (using the cutting marks on the system) and bolted together to form a range of products.



Size : 80mm x 40mm x 2.5mm

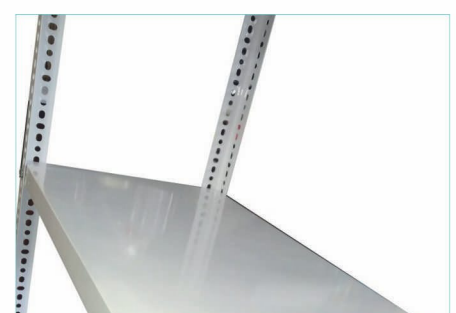
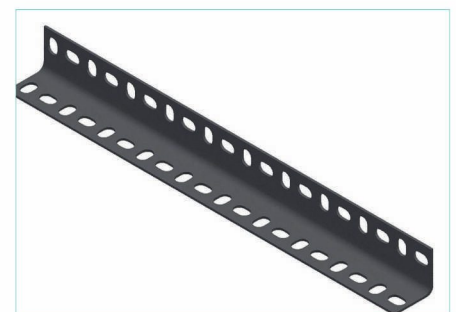
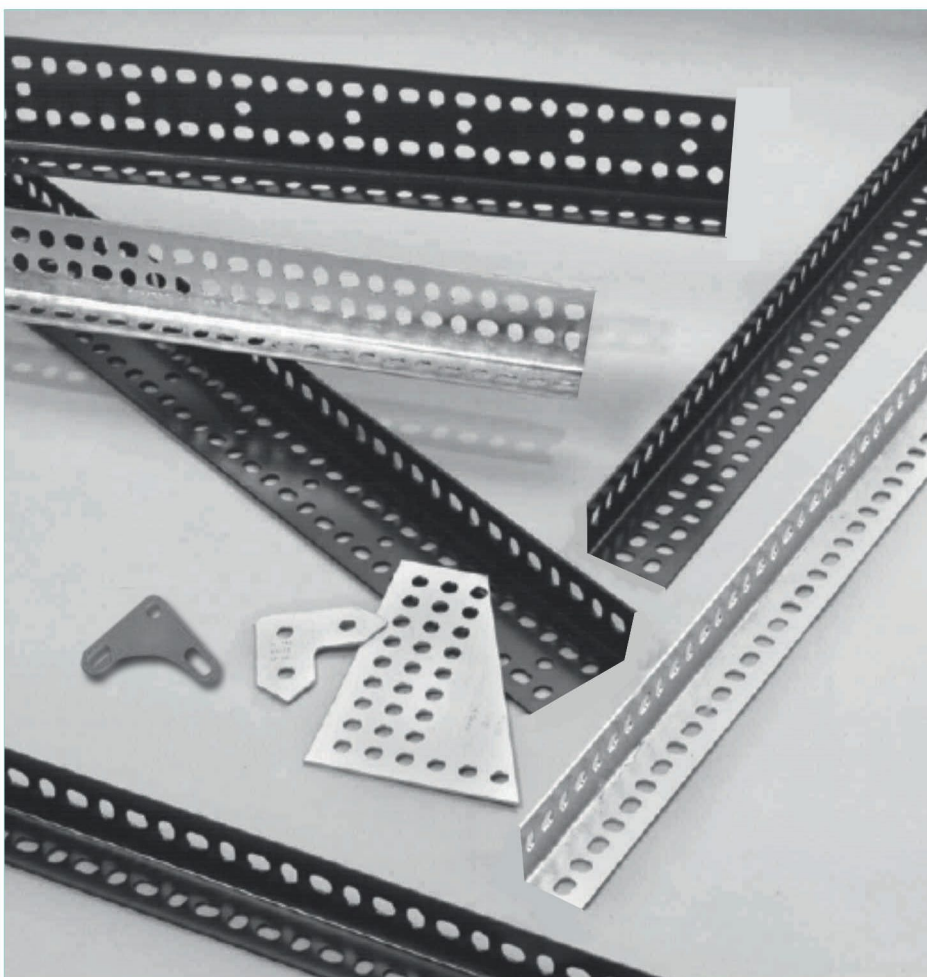


Size : 60mm x 40mm x 2mm



Size : 40mm x 40mm x 2/3mm

Brand	JPE
Width	35mm - 100mm
Height	35mm - 100mm
Thickness	1.2mm - 4mm
Length	2500mm - 3000mm
Finish	Painted, Powder Coated, Hot Dip Galvanized, Pre-Galvanized, Electro Plated
MOC	MS, GI



# Racks

## Slotted Angle Racks

The slotted angle racks are moderately used for heavy storage as well as light-weighted loads depending on the choice of the user, it is generally used for the storage hence, preferring all the needful we furnish are the best for your requirements and fulfillment, it's extensible, adaptable and completely adjustable for the needful. In the articulation of this, we accord you the most efficient solving for the need of your demand. We Selco Steel Products uses the best quality of materials for the manufacturing of slotted angle rack systems and that's the reason we have built ourselves as one of the top leading merchants in terms of slotted angle racks.



### Features of Slotted Angle Racks

- Our simple yet inclusive and comprehensive structure will give you the perfect accomplishment for the demand one would seek for.
- Easily adjustable, flexible, and comfortable to be fitted, it's unique design presents and fabulous show for your interior.
- No much or tough welding is required; we fix it in a very convenient and easy-going approach.
- Selco steel products offer you versatile designs and variations in the slotted angle racks
- Our high-quality materials for the making of slotted angles give you rust-free and corrosion-free racks, signifying long-lasting duration for the same.
- Lastly, it's affordable and reasonable as compared to the other vendors in the market.



## Pallet Racks

This type of rack is highly suitable for storing large amount of goods ranging from medium to heavy weighted goods. You can easily store your products on pallet packing rack and acquire a neatly kempt look for your factory or office space.

### Salient Features

- Dimensionally Accurate
- Light Weighted
- Offer Maximum Space Utilization

## Slotted Angle Racks

We are instrumental in manufacturing & supplying the finest quality range of heavy duty pallet rack. We offer this product to our prestigious clients at highly attractive prices. This rack is widely used in different industries for placing goods in an organized manner. It is manufactured under the guidance of our adept professionals in adherence to set industry norms with the aid of ultra-modern techniques using excellent quality raw material. Our manufactured heavy duty pallet rack is highly spacious and reliable.

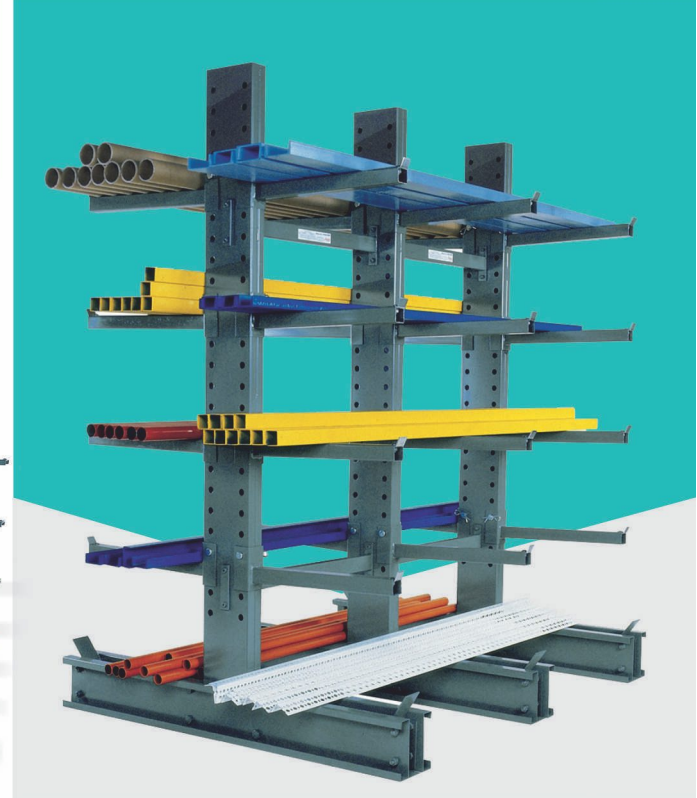
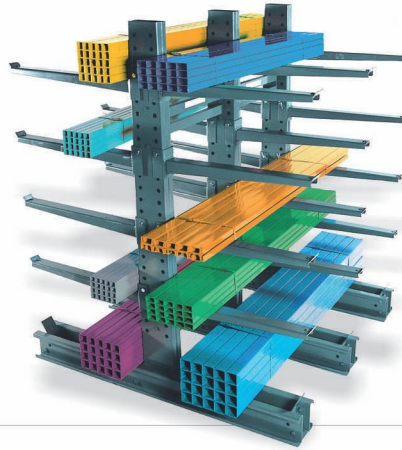


# Cantilever Racks

These racks are specially formulated for the adapt storage of goods comprising of circular, long, or irregular sizes or shapes. They can be customized as per the needs and specifications of the clients.

## Salient Features

- They comprise of adjustable capacity and size
- They comprise of a composite structure
- It consists of surface which has sprayed plastic



# Single Sided Supermarket Rack

Supermarket Racks would serve the purpose only if the displayed items are exhibited properly. Our Supermarket Racks are available in different makes and types. One such variety is our vertical display different items are displayed systematically in a vertical manner. We avail them in different colours, sizes and width. Along with the standardized sizes these can also be customized as per the requirement of our clients. We offer exquisitely designed Display Racks that are used to display various items in malls, stores, and other shopping areas. Our products display racks include Vertical Display in which the items are displayed in a vertical manner. Clients can avail our range in different colours, sizes, and dimensions.

## Salient Features

- Can be customized
- Facilitate systematic display
- High strength
- Availability of space for labelling
- Anti-rust shelves
- Outstanding designs
- Rich Experience style in Display Rack
- Capable to store large amount of goods
- Installing and uninstalling within seconds
- Used good quality wooden with competitive price
- Used for displaying various kinds of products or goods
- Suitable for all types of packaged and un-packaged goods



## Display Rack

We are engaged in offering quality gamut of Display Racks System. The offered array is glass made and available in many speculations. All these products are developed by our skilled employees, employing latest tools and techniques. The support feet have clamps on their dispel ends for clamp the attachment to at least one wire rod of a shelf. This apparatus relates generally to display racks of the general type having forwardly projecting article supporting rods and relates uncommonly to such racks which are fit to be mounted on grill-like shelves formed of wire rods such as are commonly used in glass door refrigerator cases used in easy manner, food stores and the like.



## Vegetable Rack

With the inclusion of modern equipment and sophisticated machines, we are engaged in offering Vegetable Rack. These vegetable racks are available in numerous customized options as per the market preferences. Offered vegetable racks are designed with utmost precision from quality proven material & modern techniques keeping in mind the set standard. Also, our customers can avail these vegetable racks from us at affordable price in give time frame.

### Salient Features

- Exclusively designed
- Perfect finish
- Elegant look

## Departmental Store Racks

To meet the specific demands of our clients, we have brought forth Departmental Store Racks for our clients. The offered racks finds wide applications departmental stores for safely displaying variety of products as well as official items in an arranged manner. Manufactured using pristine quality metal alloys and ultramodern techniques, These racks are also tested on set quality parameters to ensure their extended durability. Moreover, we offer these racks to our clients in various dimensions at cost-effective prices.

### Salient Features

- Stable base
- Sturdy design
- Flawlessness



# Earthing Solution

## Earthings Electrode (S.E.E.)

To have a good earth resistance, has always been a problem in soil of poor electrical conductivity. This grounding improvement product is designed to reduce the soil resistivity locally and therefore improve the resistance of the grounding.

Maintenance free safe Earthing electrode by utilizing metal alloys and natural chemical composition. The safe Earthing electrode is able to provide a multifaceted proactive Earthing protection strategy. The Earthing electrode is manufactured from custom-made G.I. tubes to ensure maximum conductivity and protect main earth electrode from the soil. This will ensure a highly conductive state for the fault current to pass on the earth.

Earthing is very important area of electrical engineering. Generally people forget about Earthing once it is installed, no one checks it unless and untill something goes wrong and find faults in Earthing. In most cases it fails due to corrosion of the pipe. Therefore maintenance free Earthing electrode can be used for effective Earthing, which will ensure safety to human life, appliance, machines, & equipment etc. Earthing is absolutely essential and it is mandatory by various electrical departments.

In the present day high tech scenario, most of the machines are solid state controlled relay logic systems have changed over to solid state logic systems. For these control, spike free and steady voltage is very important. M.F. Earthing Electrode is the most effective products of Earthing. Thus, safe Earthing electrode is a totally maintenance free solution for couple of years and is suitable to any application requiring high performance Earthing.

## Earthing Standard

F 15:3043-1987 Clause 9.2.8 & 9.3 says...

The material selected for Earthing electrode, should exhibit a galvanic potential with respect to the ground as nearly equal to that exhibited by the structure of unprotected condition, the material used be such that it resists the corrosion.

Tests in a wide variety of solids have shown that copper is entirely satisfactory and taking the life of copper Earthing as max. 12 years, the average loss is weight of copper, buried for 12 years is 0.2 percent per year and average loss in weight of galvanized steel, a little inferior to copper, 0.5 percent per year.



G.I. Earthing Electrode



Earthing Compound



Copper Earthing Electrode

## Specification

<b>Raw Material</b>	<b>Mild Steel as per IS 2062</b>
<b>Sizes</b>	20 x 3, 25 x 3 / 6, 30 x 5 / 6 35 x 5 / 6, 40 x 5 / 6 50 x 5 / 6 / 8 / 10 75 x 8 / 10, 100 x 8 / 10 / 12
<b>Finish</b>	Hot Dip Galvanized as per I.S. 2629 / 4759, BS 729, ASTM 123



**Copper Strips**

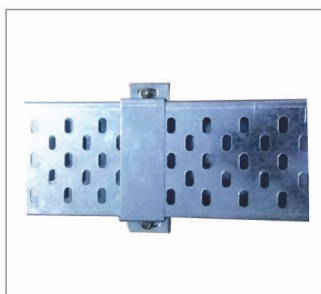


**Gi Strips**

## Plate Earthing Specifications

<b>Usage Application Industrial</b>	Electrical and Communication Surface Finish Hot Dip Galvanized	
<b>Dimension</b>	600 x 600 mm, 300 x 300	
<b>Color</b>	Silver / Copper	
<b>Shape</b>	Square	

## Accessories



**Clamp**



**Jointer**



**Junction Box**



**Threaded Rod**



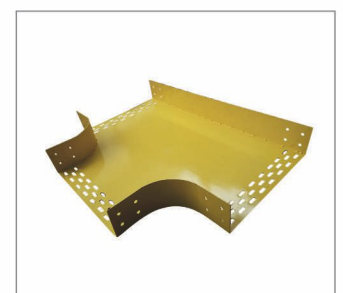
**Slotted-C-Channel**



**Tamlex**



**Fastner**



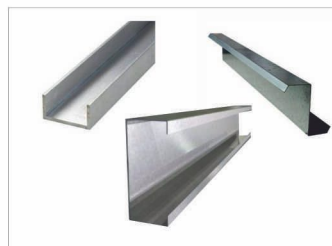
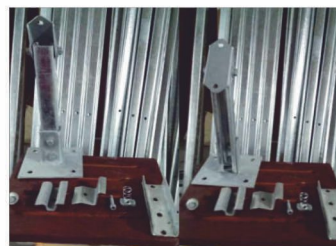
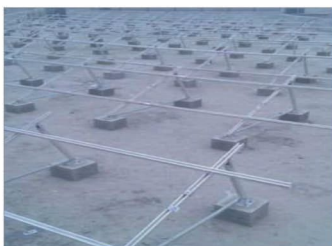
**Perforated Bend**

# Solar Module Mounting Structure

We are a leading manufacturer and supplier of Module Mounting Structure to our clients. JP Electrical & Controls Has wide range of solar product and accessories includes a wide range of Solar Module Mounting Structures such as Solar Panel Mounting Structure, Solar Panel Structure, Solar Mounting Structure, Module Mounting Structure, Tin Shade Module Mounting Structures and Roof Top Solar Module Mounting Structures. We offer this highly efficient product in best suitable marketing prices to our clients. These is known for their sturdiness and durability.



## Module Mounting Structure Accessories



### Aluminium Solar Structure



Grid Disconnect Clamp



Hanger



L- Clit



Disconnect Clamp



Base Plate



Base Plate Hanger



U- Clamp



Z-Clamp



Grid Disconnect Clamp

# Applications

## Infrastructure



- Housing Complex
- Retail Chain
- Hospitals
- Hotels
- Malls
- HVAC
- AHU

## Food & Breweries



- Mineral Water
- Ice-cream
- Breweries
- Flour Mills.
- Tobacco
- Alcohol
- Biscuits
- Bread
- Dairy

## Pharmaceutical



- Chemical Plants
- Medicine Laboratory

## Cold Section



- Cold Storage
- Frozen Plant
- Preservation
- Potato

## Steel Industry



- Rolling Mill
- Corrugation
- Sponge Iron
- Tube Mill, etc.

## Tyre & Rubber



- Radial Type Building
- Bead Wire Machine
- Calender Machine
- Cooling Tower
- Kneaders
- Press
- Boiler, etc.

## Paper



- Finishing House
- Duplex Cutter
- Mill Section
- Pulp Section
- Boiler, etc.

## Sugar



- Packing Baggage Handling
- Co-generation
- Cane Carrier
- Rake Carrier
- Mill, Boiler
- Crystallizer
- Boiler, etc.

## Wire & Cable



- Block Wire Drawing
- Wet Wire Drawing
- Stranding machine
- Laying Machine
- Extrusion Line
- RED Machine
- CO2 Plant, etc.

## Water & Waste Water



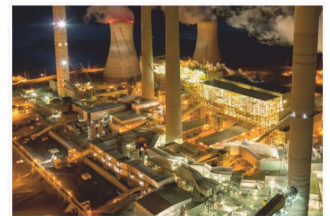
- RO Plants
- ETP Plants, etc.

## Printing & Packaging



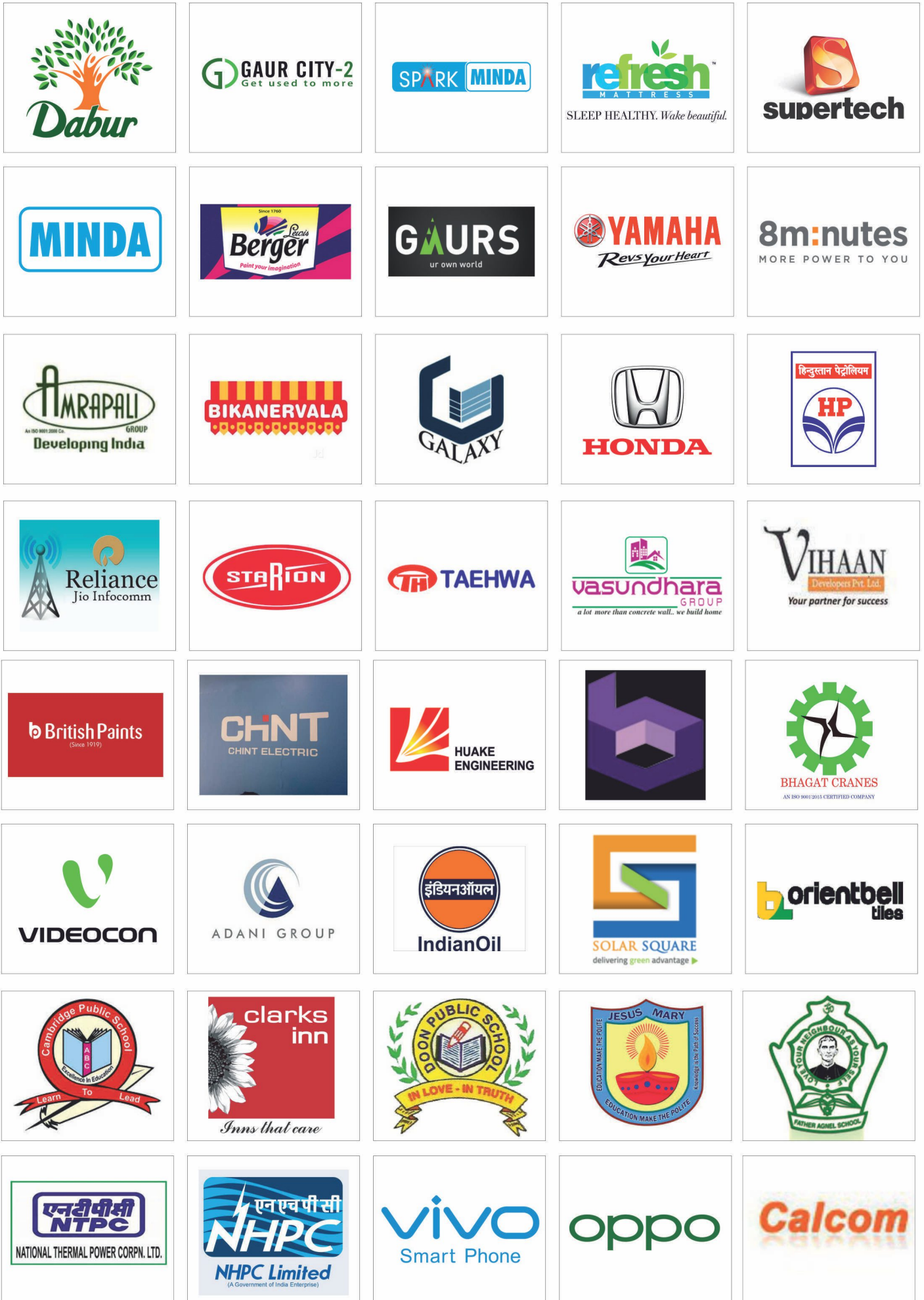
- Rotogravure
- Sheet Feed
- Lamination
- Coating
- Slitter
- Floxo, etc.

## Power



- Drives Panels for Tunnels
- Sugar Co-Generation
- Thermal Power Station, etc.

# Our Valuable Clients



# Accessories for Cable Tray Installation



Cross



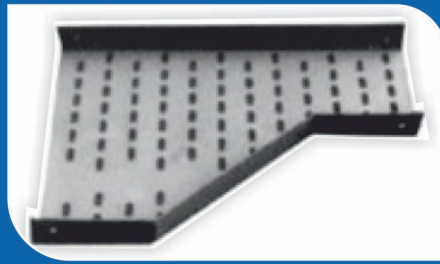
Horizontal Elbow (90)



Horizontal Tee



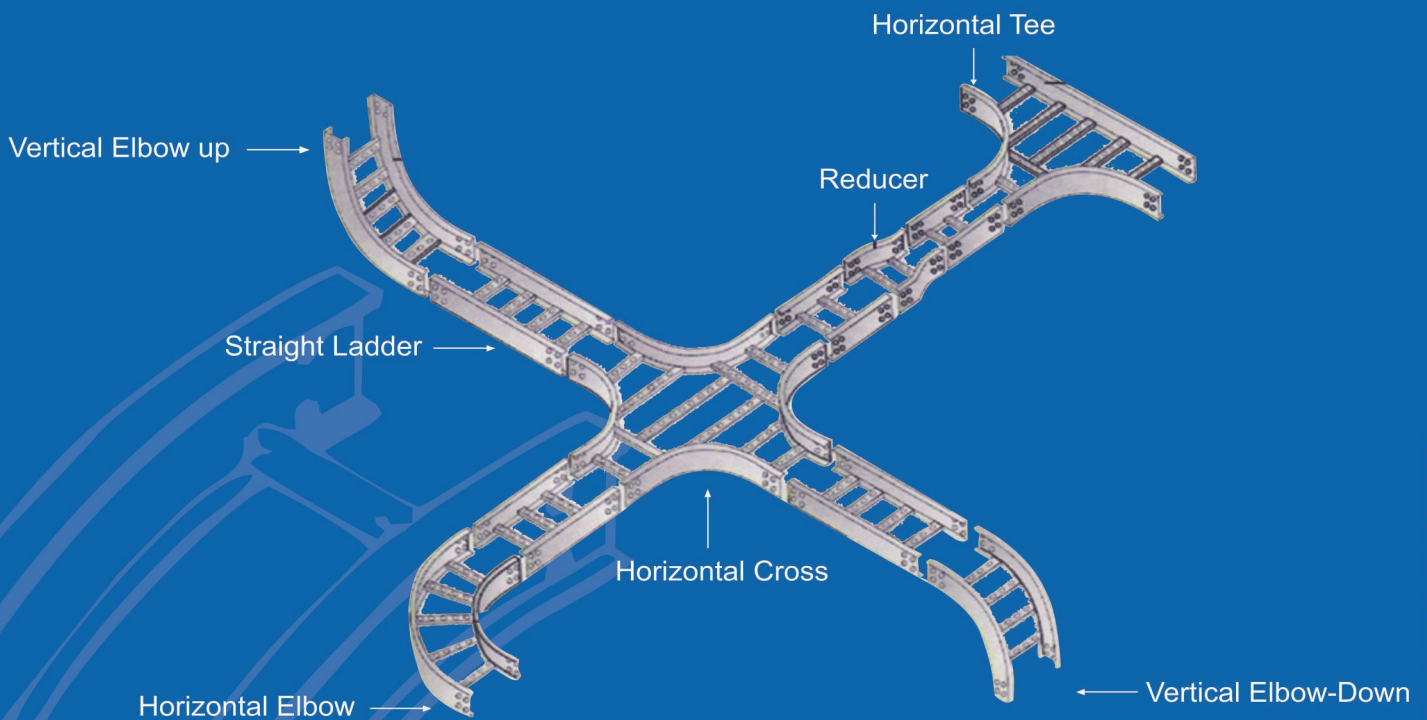
Vertical Elbow (900 DN)



LH / RH Reducer



Tee



## JP ELECTRICAL & CONTROLS

An ISO 9001 : 2015 Certified Co.

Manufacturers & Suppliers of : Electric Panels, Cable Trays, Raceway, Ladder Cable Tray, Earthing, Racks, Solar Structure, Slotted Angle, C-Channel,



**Corporate Office :** J - 80, Site - C, Surajpur Industrial Area, Greater Noida (U.P.) India

**Workshop :** Hathras - Agra Road Chandpa Hathras - 204101 (U.P)

**Ph. :** +91-120-2561666, 2561306, **Mob. :** +91-7836870201, 7428124360

**E-mail :** jpelectricalcontrols@gmail.com, **Website :** www.jpelectricalcontrols.com