

OUR PRODUCTS:



1. CABLE TRAYS

Perforated Cable Tray

Stainless Steel Perforated Cable Trays
Aluminum Cable Tray
GI Perforated Cable Tray
Stainless Steel Cable Trays
Mild Steel Cable Tray
Galvanized Perforated Cable Tray
Ladder Cable Tray
Aluminum Perforated Cable Tray



2. ANGLE RACKS

Slotted Angle racks Display Angle Racks

Other Products

Steel Gratings
Electrical Earthing Material
Agricultural Machineries
All kinds of Cutting, Bending and Fabrications job
Government and General order supplier





Explore a variety of easy Installable, dimensional accurate, corrosion & abrasion resistant cable trays.



Roy Engineering Works an ISO 9001:2008 Certified Company founded in 1994 is company which specializes in industrial products and machinery, with an successful industry experience of more than 21 years in Howrah, West Bengal (India). We are Manufacturer, Supplier & Exporter of wide range of Cable Trays, G I Cable Tray, Galvanized Perforated Cable Tray, Steel Slotted Rack, MS Gratings and Electrical Earthing Materials. We also offer Motor Winner Cum Paddy Thresher Machine, Pulley and many more products. Due to his leadership qualities and motivation, our professionals have been able to efficiently serve the needs of clients from global markets.

The Company is headed by Mr. Shankar Roy with 21 years of experience and market credibility. We offer Supreme Quility Products with competitive pricing policy.







Our products are manufactured through various phrases of rigid quality control and are widely used by different organizations like BHEL, NTPC and MECON.

PERFORATED CABLE TRAYS:

- Perforated Cable Trays are fabricated out of Single Sheet Steel confirming to I.S. 1079: 1973 / I.S. 513: 1994 in various thickness of 1.6mm, 2.0mm & 2.5mm.
- Perforated Cable Trays are available in standard widths of 50mm, 100mm, 150mm, 300mm, 450mm and 600mm and in standard length of 2500mm.
- If other than the above mentioned widths are required the Trays are fabricated as per the specifications of Customers/ Customer Consultants.

TYPICAL SPECIFICATION OF PERFORATED CABLE TRAY (M.S. & ALUMINIUM)

| Standard Length: | 2.5 Mtrs. | | | |
|-------------------------|---|--|--|--|
| Perforations : | Slots 10mm x 20mm Width Wise: 10mm gap Length Wise: 20mm, 30mm, 40mmCC | | | |
| Tray Width (W) : | 50mm - 75mm - 100mm - 150mm - 200mm - 300mm - 450mm - 600mm (or any size as per the requirement) | | | |
| Tray Height (H) : | 20mm - 25mm - 40mm - 50mm - 75mm - 100mm (or any height as per the requirement) | | | |
| Tray Collar (C): | 15mm - 20mm - 25mm | | | |
| Tray Thickness (TH): | 1.6mm-2mm-2.5mm-3mm | | | |
| Types of Raw Material : | Mild Steel - Aluminium | | | |
| Finish : | Hot Dip Galvanized – Electroplated – Powder Coated – Epoxy coate Enamel Painted – Aluminium Painted. | | | |

ACCESSORIES

- Types of Bends: Horizontal, Vertical (Inside / Outside), Tees, (Equal & Un-equal), Crosses, Reducers.
- · Radius: 300 / 450 / 600 / 1000 mm or as per the choice of customers
- Degrees: 30° 45° 60° 90° for Bends.

LADDER TYPE

- Ladder Type Cable Trays are fabricated in three methods:
 - 1.With Steel Sheets
 - 2.With Angles
 - 3. Aluminium Sheets
- Ladder type cable trays are fabricated out of steel sheets conforming to I.S. 1079: 1973 & I.S. 513:
 1994 with a thickness of 1.6mm 2.0mm, 2.5mm and 3mm.
- All cable trays are of standard lengths of 2500mm for various widths-minimum being 150mm wide and maximum 1200 wide. Slotted rungs are welded to the side runners at every 250mm or 300m interval. At both the ends of the cable trays three or four circular holes are provided for connecting the adjacent cable trays or accessories/by coupler plates.

ALUMINIUM LADDER TYPE CABLE TRAYS

 Aluminium ladder type cable trays are fabricated out of Aluminium sheets conforming to I.S.737:1986 with thickness varying from 2mm, 2.5mm to 3 mm.

| Standard Length: | 2.5 Mtrs. | | | | |
|-----------------------|--|--|--|--|--|
| Runner Height (H): | 50mm - 60mm - 75mm - 100mm - 120mm | | | | |
| Runner Collar (C) : | 15mm – 20mm – 25mm – 30mm | | | | |
| Rung Size(s): | 25mm x 15mm / 35mm x 15mm / 40mm x 20mm / 50mm x 20mm as per choice. | | | | |
| Thickness (TH): | 1.6mm = 2 mm - 2.5mm - 3 mm | | | | |
| Welding (M.S.): | C – type Arc / welding | | | | |
| Welding (Aluminium) : | C-type tig welding | | | | |
| Rung slot size : | 10mm x 20mm 10mm x 30mm – with spacing 10mm, 15mm or as per choice. | | | | |
| Rung Spacing : | 250mm / 300mm interval | | | | |
| Finish: | For M.S.: Hot Dip Galvanized , Electroplated, Powder Coated, Epoxy painted, Enamel Painted , Aluminium Painted. For Aluminium : Caustic Soda Wash. | | | | |
| Models : | C-type, Z-type & L-type | | | | |

LADDER TYPE WITH ANGLES

Ladder type cable trays are fabricated of M.S. Angles confirming to I.S. 2062, 1992. M.S. angles are used as Runners and 25 x 0.6mm M.S. Flats as rungs. Rung spacing is 250mm for 2500mm length cable trays and 300mm for 3000mm lengths. Rungs can be provided single/double, as per the customer choice; Doublewith a cap of 10mm, for clamping the cables.

TYPICAL SPECIFICATION FOR ANGULAR LADDER TYPE CABLE TRAY

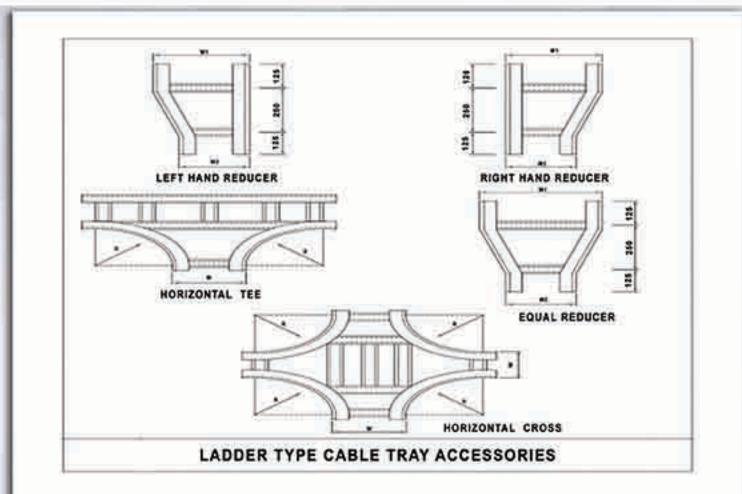
| Length (L): | 2.5mtrs / 3mtrs | | | |
|---------------|---|--|--|--|
| Widths (W): | 150mm - 300mm - 450mm - 600mm - 1000mm (or as per customers requirement) | | | |
| Runners (R): | 50mm x 50mm x 6mm - 65mm x 65mm x 6mm | | | |
| Rungs : | 25mm x 3mm - 25mm x 6mm - 32mm x 6mm | | | |
| Rung spacing: | 250mm, 300mm interval (double rung for bolting as per custom specification). | | | |
| Finish : | Hot dip galvanized, Painted (colour as per choice), powder coa epoxy painted. | | | |

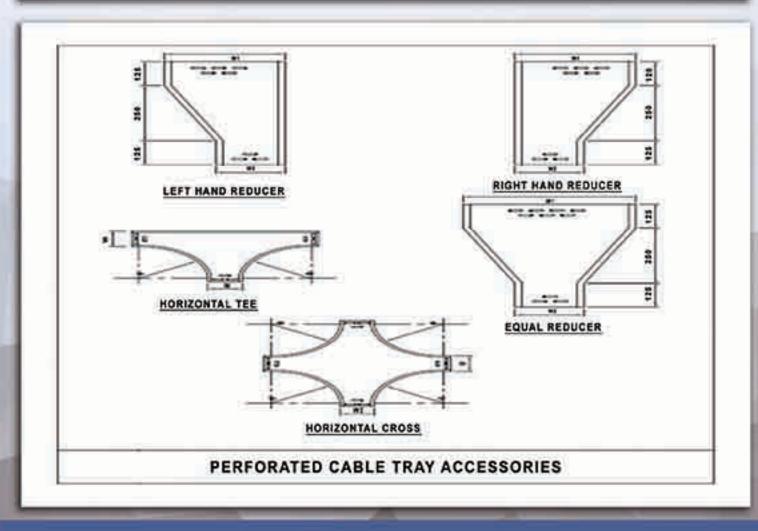
CABLE TRAY SUPPORTS

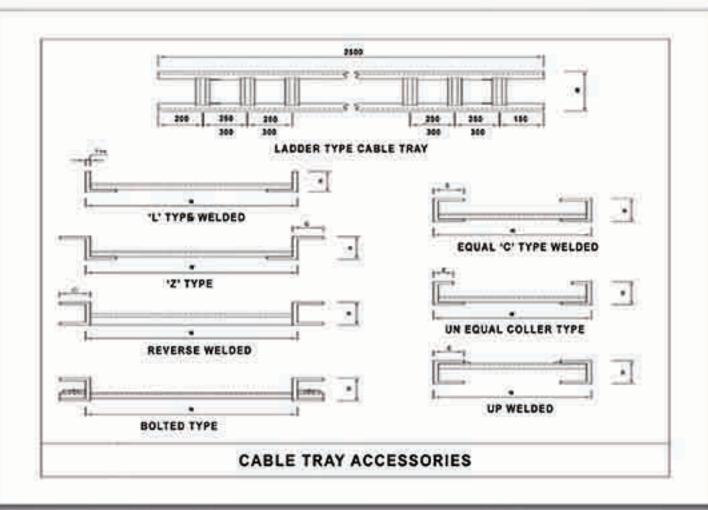
| Type : | Single, Double | | |
|-----------------------------|--|--|--|
| Tier: | Available in 1-Tier to 6-Tier | | |
| Centre Support : | Angle:50 x 50 x 6mm, Channel:10mm x 50mm x 6mm | | |
| Horizontal Support : | 50mm x 60mm x 6mm or as per customer choice. | | |
| Finish: | Hot dip galvanized or painted | | |
| Accessories : | Rawal plug, or expansion bolt for grounding | | |
| Welding: | Arc welding | | |
| Slots (machine punched): | 10mm x 15mm (or as per customers choice) | | |

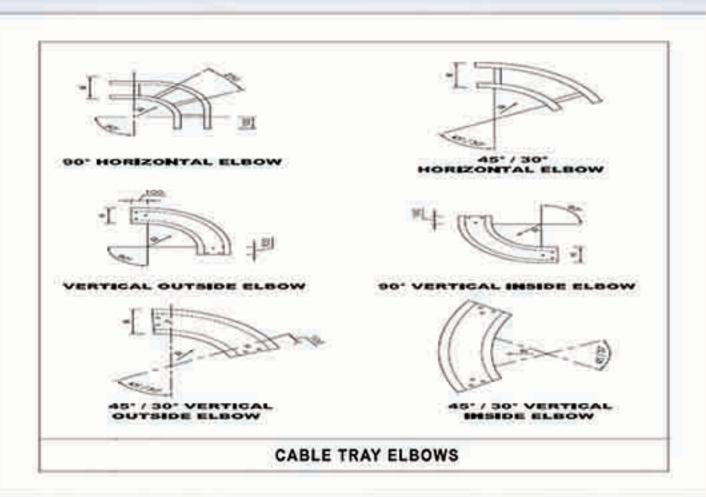
CABLE RACKS:

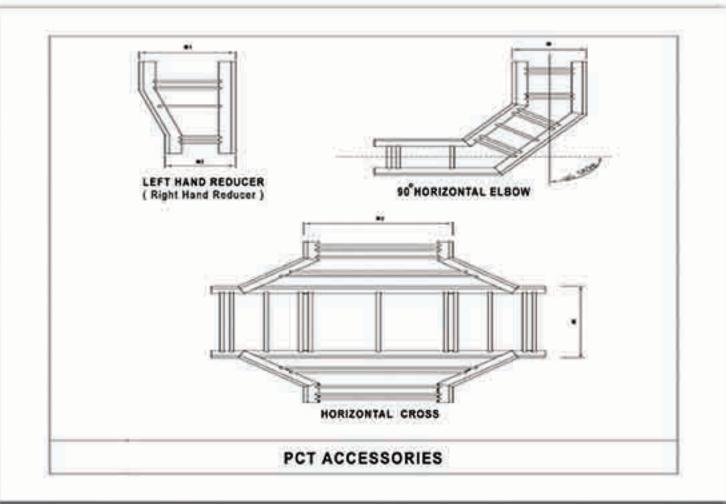
- These are used to support the cable trays at specified centre distanced to lay the cable tray at different levels.
- The horizontal members which act as support to the cable trays, are fixed on it by means of bolts and nuts and are welded to the vertical member that is fixed to the wall by means of expansion bolts. These are generally fabricated out of structural steel (M.S. Angles) conforming to I.S. 2062: 1992.
- While floating enquiry the following details are required:
- 1. Perforated type / ladder type.
- 2. For perforated type the width, flange and collar.
- 3. The ladder type, size of the runner i.e., the height, collar and also the rungs size, the height of the rung and width of the rung.
- 4. Whether with cover
- 5. Whether cover provision to be made to cable trays for future necessity.
- 6. Gauge of cable trays.
- 7. Radius of accessories i.e., 300, 450, 600.
- 8. Whether accessories required are 3 piece welded or in a semi-circular form delivery of welded accessories will be faster.
- 9. Vertical bends whether up or down.
- 10. Horizontal bends : Left/Right is common
- 11. Reducers left or right
- 12. Tees and crosses whether equal or unequal.
- 13. Whether link plates are required or not. If required, the quantity to be specified. With or without bolts and nuts.
- 14. Delivery time.

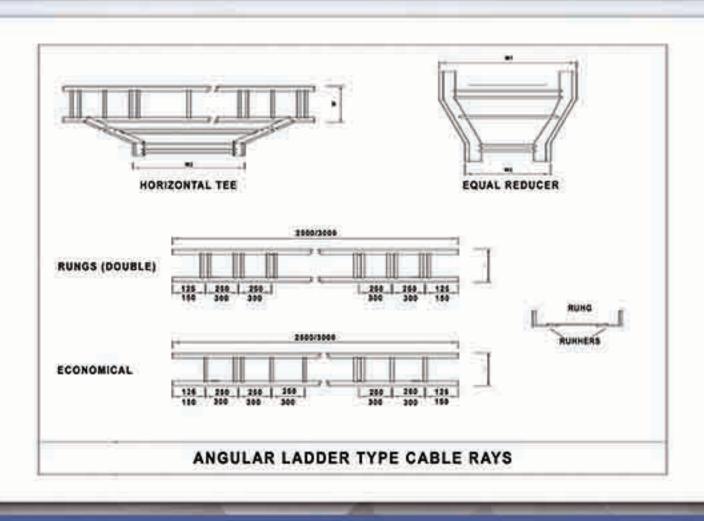


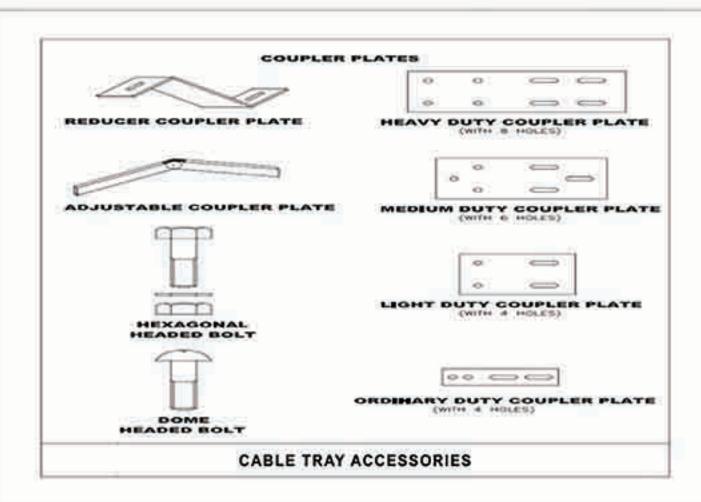


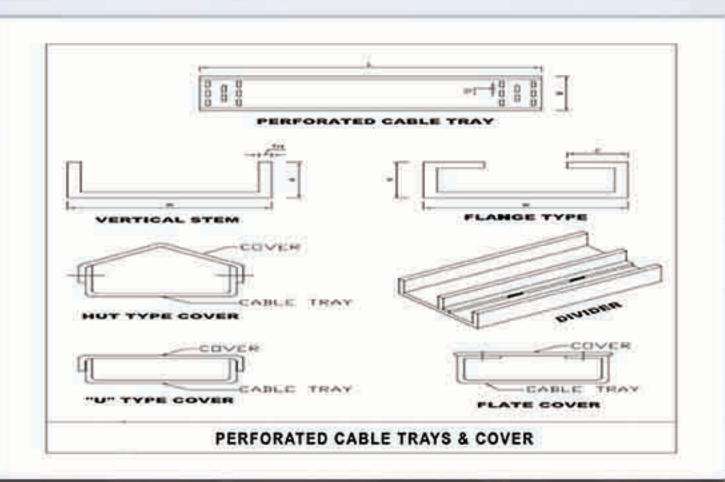












TRAYSIZES

| | регти | WIDTH | LENGTH | WEIGHT |
|--------------|--------|-------|--------|----------|
| WB1-5X4X10 | 1.5° | 4 | 10" | 5.8 lbs |
| WB1 5X6X10 | 1.5 | - 6 | 10 | 7.4 lbs |
| WB1 5X8X10 | 1.5* | 6" | 10" | 9 Iba |
| WB1.5X12X10 | 1.5 | 12" | 10 | 12.1 Ibs |
| Port . | DEPTH. | WIDTH | LENOTH | WEIGHT |
| WB2X2X10 | 2 | 22 | 10 | 6.8lbs |
| WB2X4X10 | 21 | 41 | 10" | 8.6lbs |
| WB2X6X10 | 2" | 6* | 10" | 10.2lbs |
| WB2X8X10 | 2* | 6" | 10. | 11.8lbs |
| WB2X12X10 | 2" | 12" | 10" | 15lbs |
| WB2X16X10 | 2" | 16" | 10" | 23/bs |
| WB2X18X10 | 21 | 18" | 101 | 25/bs |
| WB2X20X10 | 2" | 20" | 101 | 27lbs |
| WB2X24X10 | | 24" | 101 | 31lbs |
| ₩WB2X30X10 | 2" | 30" | 10" | 37.5lbs |
| ₩WB2X32X10 L | 2" | 32" | 10" | 39lbs |
| Part | DEPTH | WIDTH | LENGTH | WEIGHT |
| WB4X4X10 | 4**** | 4 | 10" | 11.8 lbs |
| WB4X6X10 | 4* | 6" | 10* | 12.8 lbs |
| WB4X8X10 | 47 | 8. | 100 | 15 lbs |
| WB4X12X10 | 4* | 12" | 10" | 23 lbs |
| WB4X16X10 | 4* | 16* | 10" | 27 lbs |
| WB4X18X10 | 4* | 18" | 10" | 29 lbs |
| WB4X20X10 | 4*- | 20" | 10: | 31 lbs |
| WB4X24X10 | 4 | 24" | 10' | 35 lbs |
| ₩WB2X30X10 | 4* | 30" | 10" | 41 lbs |
| Part | DEPTH | WIDTH | LENGTH | WEIGHT |
| WB6X8X10 | 67 | 8" | 10" | 23 lbs |
| WB6X12X10 | 67 | 12" | 10 | 27 lbs |
| W86X16X10 | 6 | 16 | 10 | 31 lbs. |
| WB6X18X10 | 6* | 18" | 10 | 33 lbs |
| WB6X20X10 | .6* | 20" | 10 | 35 lbs |
| WB6X24X10 | 6. | 24 | 10 | 39 lbs |

