

## Perforated Cable Trays Features

- Moderate ventilation with added cable support advantage
- Thickness available 1.6mm, 2.0mm, 2.5mm, 3.0mm.
- Standard depths of 25, 40, 50, 75, 100mm.
- Standard lengths of 2.5/3.0 Mtrs.
- Covers for Perforated Cable Trays shall be Pregalvanised, Powder Coated (Stainless Steel and Aluminum also available).
- Cable trays of every size and design
- Optimum cable routing in all areas of electrical installation
- Complete product ranges with all logical system components for any task
- Both for horizontal and vertical cable routing
- Special surfaces for guaranteed corrosion protection – even in external areas

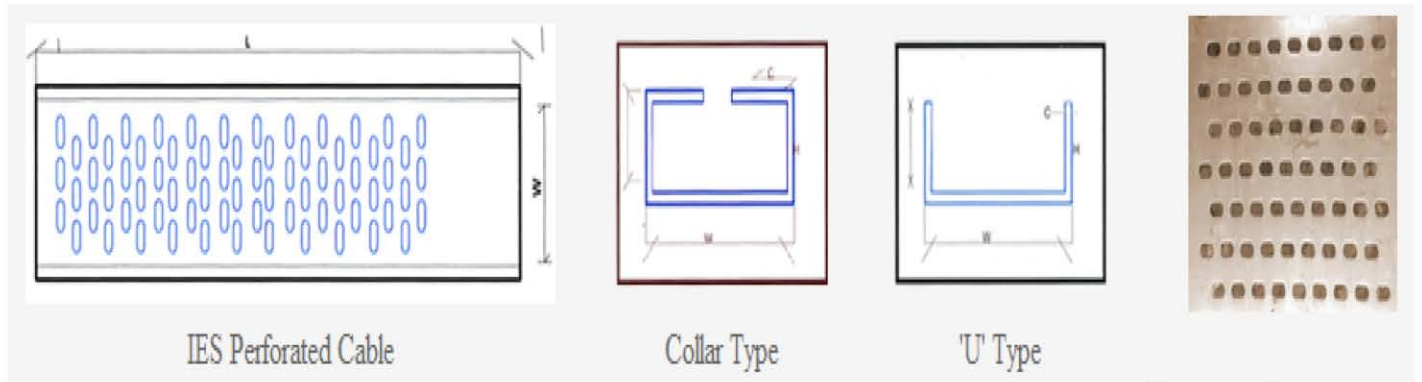
### Material Finish for Perforated Cable Trays

| Sr.No. | FINISH             |
|--------|--------------------|
| 1      | Hot Dip Galvanised |
| 2      | Pregalvanised      |
| 3      | Powder Coated      |
| 4      | Stainless Steel    |
| 5      | Aluminium          |



### **PERFORATED CABLETRAYS are fabricated out of**

- Mild Steel conforming to I.S. 1079; 1994 /I.S. 513;1994
- Aluminium confirming to I.S 737; 1986 &
- Stainless Steel conforming to grade 304 & 316



**LOAD TABLE:**

**LIGHT DUTY PERFORATED CABLETRAYS**

| WIDTH<br>mm | HEIGHT<br>mm | THICK<br>mm |
|-------------|--------------|-------------|
| 50          | 12           | 1.6         |
| 75          | 12           | 1.6         |
| 100         | 12           | 1.6         |
| 150         | 12           | 1.6         |
| 200         | 12/15        | 1.6         |
| 225         | 12/15        | 1.6         |
| 300         | 12/15        | 1.6         |
| 450         | 20           | 1.6/2       |
| 600         | 20/25        | 1.6/2       |

### MEDIUM DUTY PERFORATED CABLETRAYS

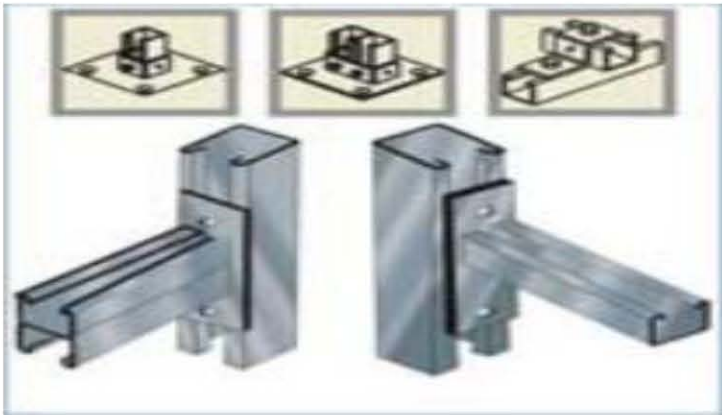
| WIDTH<br>mm | HEIGHT<br>mm | THICK<br>mm |
|-------------|--------------|-------------|
| 50/60       | 20/25        | 2/2.5       |
| 100         | 20/25        | 2/2.5       |
| 150         | 20/25        | 2/2.5       |
| 200         | 20/25        | 2/2.5       |
| 225         | 20/25        | 2/2.5       |
| 300         | 20/25/50     | 2/2.5       |
| 450         | 20/25/50     | 2/2.5       |
| 600         | 20/25/50     | 2/2.5       |

### HEAVY DUTY PERFORATED CABLETRAYS

| WIDTH<br>mm | HEIGHT<br>mm | THICK<br>mm |
|-------------|--------------|-------------|
| 100         | 50/75        | 2/2.5       |
| 150         | 50/75/100    | 2/2.5       |
| 200         | 50/75/100    | 2/2.5       |
| 225         | 50/75/100    | 2/2.5       |
| 300         | 50/75/100    | 2/2.5       |
| 450         | 50/75/100    | 2/2.5       |
| 600         | 50/75/100    | 2/2.5       |

**CABLE TRAYS SUPPORT SYSTEM**

1. FLEXIBLE SUPPORT SYSTEM



2. HEAVY DUTY SUPPORT SYSTEM



3. LIGHT DUTY SUPPORT SYSTEM





## EARTHING MATERIALS

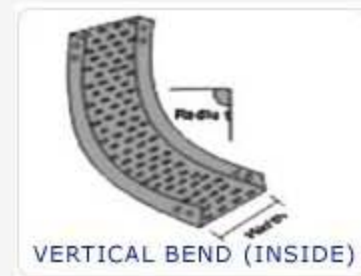
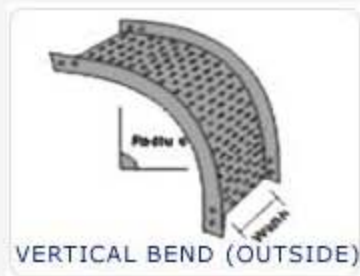
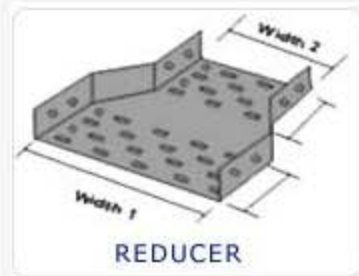
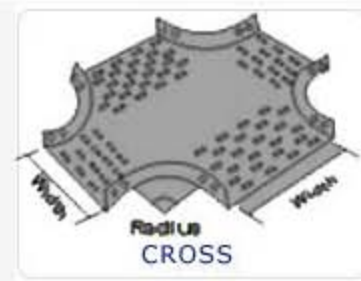
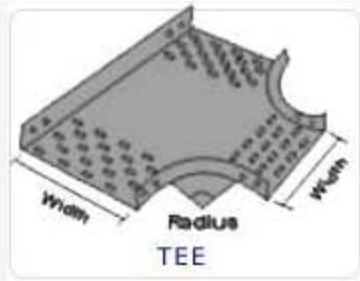
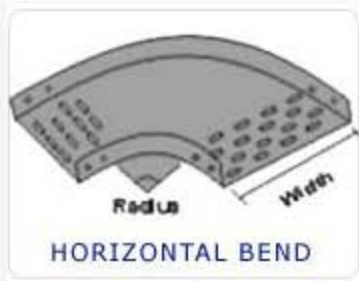
- Earth rods are manufactured from solid copper or M.S copper bonded.
- For low budget housing M.S copper hot dipp galvanised earth rods can also be supplied



## CABLE TRAY AND ACCESSORIES

- PERFORATED TYPE





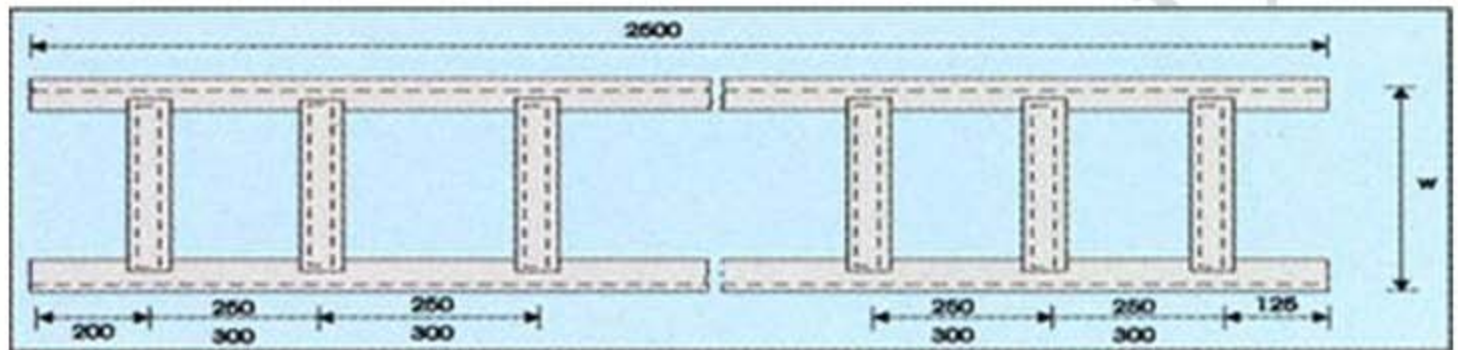
| Radius  | Types of Bends  | Degrees                  |
|---|---|--------------------------|
| 300/450/600/1000 mm<br>or<br>as per the choice of customers | Horizontal, Vertical (Inside/Outside) Tees<br>(Equal & Un-equal), Cross, Reducers | 30, 45, 60, 90 for Bends |

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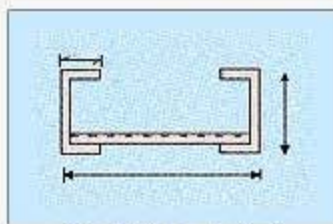
- **LADDER TYPE**

**LADDER TYPE CABLETRAY are fabricated out of**

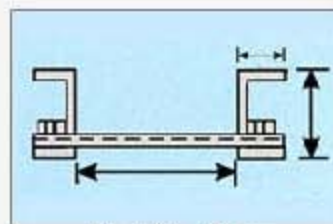
- Mild Steel Conforming to I.S. 1079; 1994 / I.S. 513; 1994
- Aluminium Conforming to I.S. 737; 1986 &
- Stainless Steel Conforming to grade 304 & 316



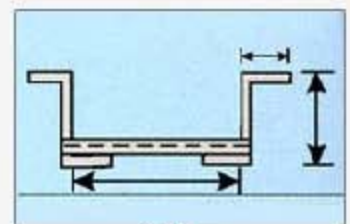
**Different Cross Sectional Details of Ladder Trays**



Equal C Type welded



New Bolted Type



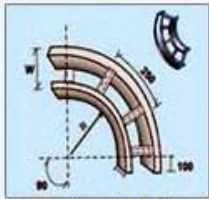
Z Type

The Ladder Type Cable Trays are manufactured in the width from 150 mm to 900 mm: having Height from 50 mm to 150 mm and the Thickness from 16 SWG to 10 SWG with all accessories. This tray consists of two longitudinal side rails connected by individual transverse members.

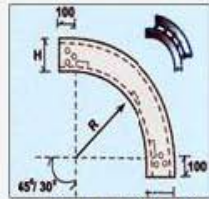
| Tray width (W) | Runner Height (H) | Runner Collar (C) | Rung Size | Rungs Interval | Rung Slot Size                         |
|----------------|-------------------|-------------------|-----------|----------------|--|
| 150 mm         | 50 mm             | 15 mm             | 35x15 mm  | 250 mm         | 20x10 mm Width Spacing 10 mm/15 mm gap |
| or             | or                | or                | 40x20 mm  | or             |  |
| 1000 mm        | 120 mm            | 45 mm             | 50x20 mm  | 300 mm         |  |



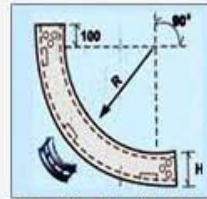
### Ladder Type Cable Trays (LTCT) Accessories



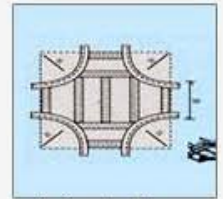
90 Horizontal Elbow



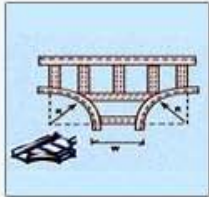
90 Vertical Outside Elbow



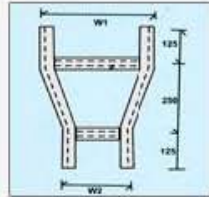
90 Vertical Inside Elbow



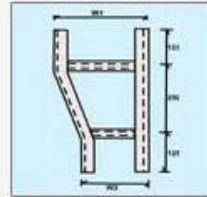
Horizontal Cross



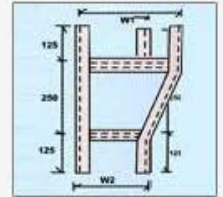
Horizontal Tee



Equal Reducer



Left Hand Reducer

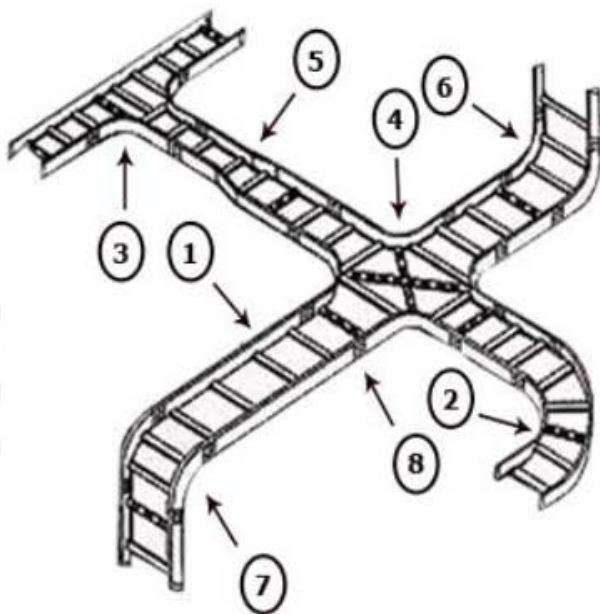


Right Hand Reducer

**Note:** If other than the above-mentioned widths are required the trays can be fabricated as per the specifications by the customers / customers consultants

| Radius  | Types of Bends  | Degrees                  |
|---|---|--------------------------|
| 300/450/600/1000 mm<br>or<br>as per the choice of customers | Horizontal, Vertical (Inside/Outside) Tees<br>(Equal & Un-equal), Cross, Reducers | 30, 45, 60, 90 for Bends |

### LTCT ACESORIES



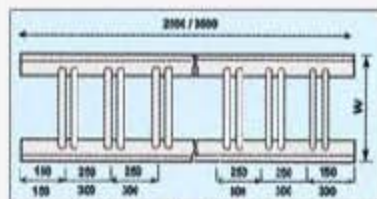
1. Straight Ladder
2. Horizontal Elbow
3. Horizontal Tee
4. Horizontal Cross
5. Horizontal Reducer
6. Vertical Elbow Up / Inside
7. Vertical Elbow Down / Outside
8. Coupler Plate



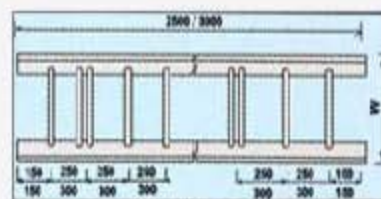
## ANGULAR CABLE TRAY

M. S. Angles are used as Runners and M. S. Flats as Rungs. Rung spacing is 250mm for 2500mm length and 300mm for 3000mm length of Cable Trays. Rungs can be provided Single/Double, as per the Customer's choice.

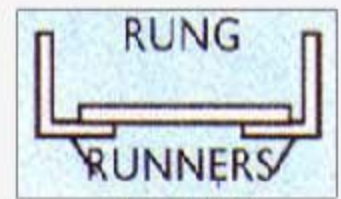
| Tray width (W)          | Runner Angle   | Rung (Flat)                              | Rungs Spacing   |
|-------------------------|--|--|---|
| 150 mm<br>or<br>1000 mm | 25x25x6 mm<br>40x40x6 mm<br>50x50x6 mm<br>65x65x6 mm<br>75x75x6 mm | 25x3 mm<br>25x6 mm<br>32x6 mm<br>50x6 mm | 250 mm<br>or<br>300 mm<br>Interval Double &<br>Single Rungs |



Double Rungs



Single Rungs



Rung Runners

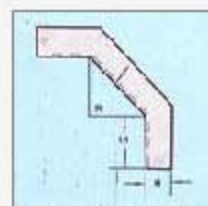
### Angular Ladder Type Cable Trays (ALTCT) Accessories



90 Horizontal Flow



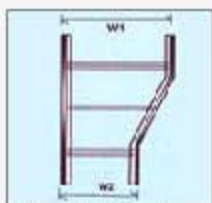
90 Vertical Inside Elbow



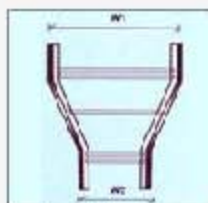
90 Vertical Outside Elbow



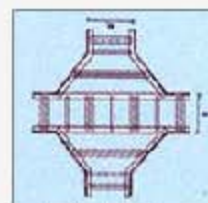
Left Hand Reducer



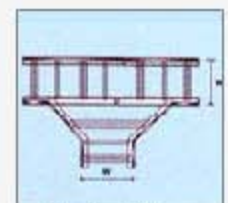
Right Hand Reducer



Equal Reducer

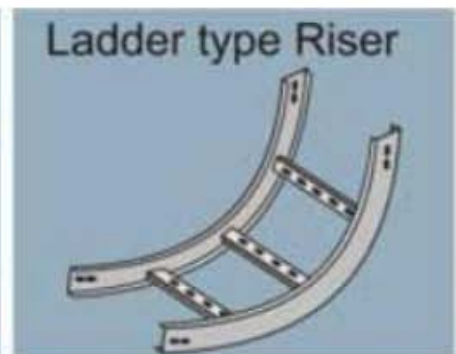
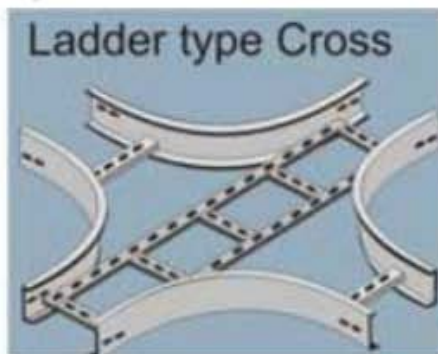
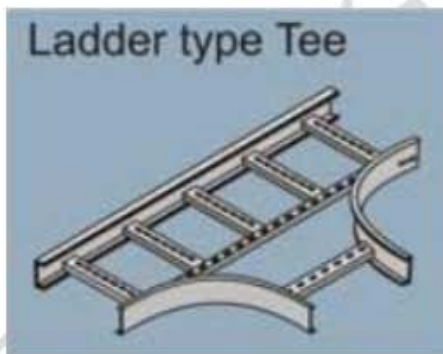
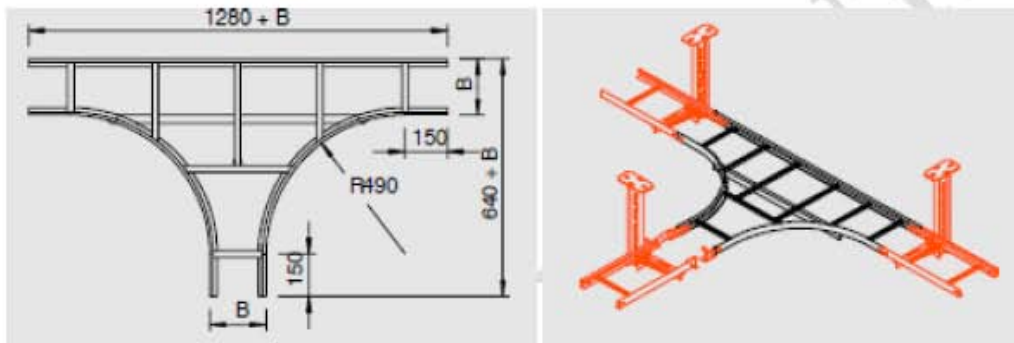
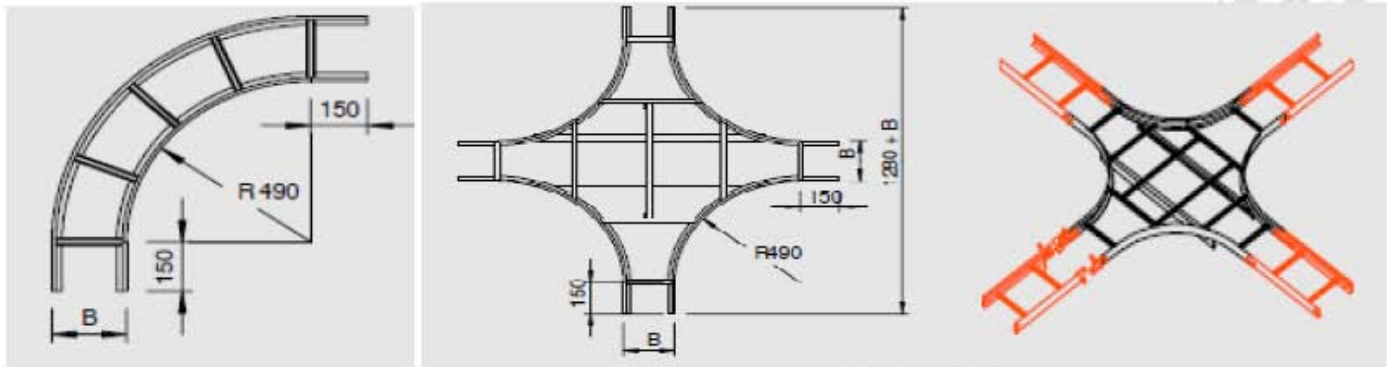


Horizontal Cross



Horizontal Tee

| Radius  | Types of Bends  | Degrees                  |
|---|---|--------------------------|
| 300/450/600/1000 mm<br>or<br>as per the choice of customers | Horizontal, Vertical (Inside/Outside) Tees<br>(Equal & Un-equal), Cross, Reducers | 30, 45, 60, 90 for Bends |

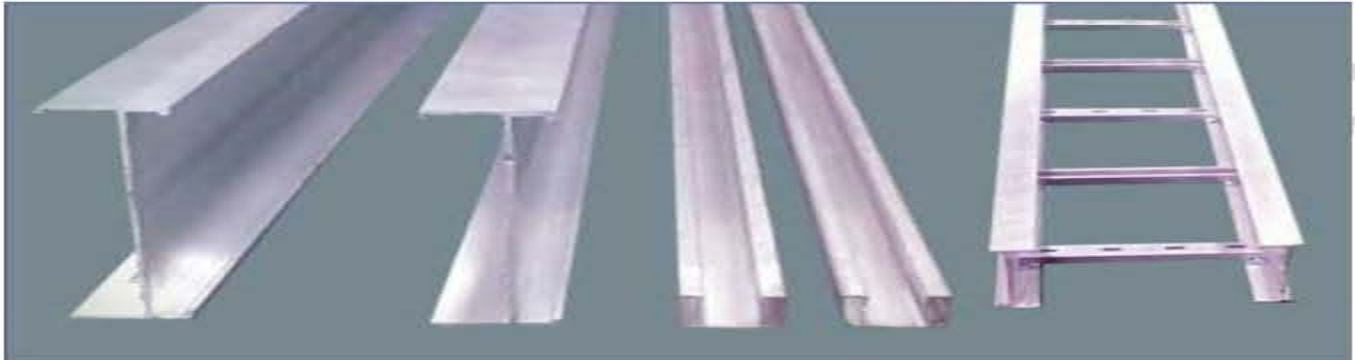


## ALUMINIUM LADDER TRAYS

### Features

- Side rail of extruded aluminium 'I' section to increase the strength and stiffness.
- Cross rungs made out of strut section designed to take concentrated load and press fit between bottom flange and welding bead.

- Extruded material conforming to 6063 Aluminium alloy.
- Standard rail height of I section 106 mm (4") and 157 mm (6").
- Produces cable management system that extends extended durability of cables and prevents mishaps.



## SOLID BOTTOM

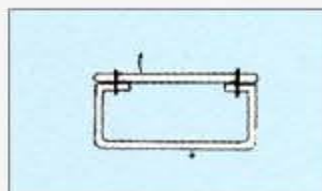
### **SBCTs are fabricated out of**

- Mild Steel Conforming to I.S. 1079; 1994 / I.S. 513
- Aluminium Conforming to I.S. 737; 1986 &
- Stainless Steel Conforming to grade 304 & 316

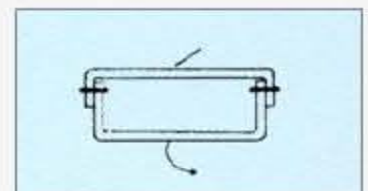
| Tray width (W)        | Tray Height (H)       | Tray Collar (C)      | Thickness (T)           | Tray of Raw Material                   | Finish  |
|-----------------------|-----------------------|----------------------|-------------------------|--|---|
| 50 mm<br>or<br>600 mm | 25 mm<br>to<br>100 mm | 15 mm<br>to<br>25 mm | 1.6 mm<br>to<br>3.00 mm | Mild Steel (M.S) &<br>Aluminium & S. S | Hot Dip Galvanized<br>Powder Coated<br>Enamel Painted |



Straight Section



Collar Type



U Type

### Solid Bottom Cable Trays Accessories



Horizontal Bend 90



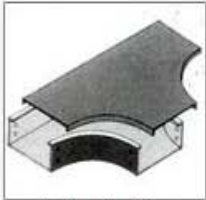
Outside Vertical Bend 90



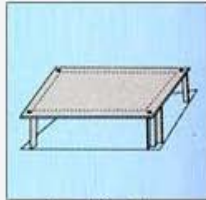
Inside Vertical Bend 90



Horizontal Cross



Horizontal Tee



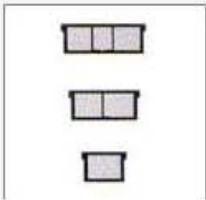
Junction Box



Four Way with cover  
Junction Box



Two Way Draw Box



| Size of Junction Box  | Thickness            | Type              | Finishes   |
|---|----------------------|-------------------|--|
| 300/450/600/1000 mm<br>or<br>as per the choice of customers | 1.6 mm<br>to<br>3 mm | 4way<br>&<br>2way | Galvanized Sheet (G)<br>Powder Coated<br>Enamel Painted. |

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