

# CABLE TRAY





# CABLE TRAY

After being pioneer in manufacturing Solar Structures, SNS Corporation has now entered the market as an emerging manufacturer of the entire range of superior quality Cable Trays namely:-

**Perforated Cable Trays | Ladder Cable Trays | Raceways.**

**Cable trays are widely in demand and serve as an ideal option for various industries including**



Generator manufacturing



Construction companies



Builders and developers



Electrical contractors  
and many more

**These trays are manufactured using top quality material and are available in various sizes. We offer customized solutions for all the products.**

## OUR CABLE TRAYS ARE INDUSTRIALLY VERIFIED:

- Fabricated from high quality hot dip galvanizing and superior quality materials.
- Anti corrosive and low maintenance.
- Integrated with cable support systems that can withstand dynamic load.
- Efficient installation with suitable couplers, clamps and fasteners.

## CABLE TRAY CONNECTOR

### HR (Bend) :

A cable tray fitting which changes the direction in the same plane.

### HR (Tee) :

A cable tray fitting which is suitable for joining cable trays in 3 directions at 90° intervals in the same plane.

### HR (Cross) :

A cable tray fitting which is suitable for joining cable trays in 4 directions at 90° in the same plane.

### Reducer:

A cable tray fitting which is suitable for joining cable trays of different widths in the same plane.

## ADVANTAGES FOR USING CABLE TRAY



A Cable Tray is used to support the insulated electric cables used for power distribution and communication.



Enhances Safety.



Easy installation of cables instead of pulling them through the conduits.



Cable trays are especially useful where changes to a wiring system are anticipated.



Provides an alternative for open wiring or electric conduit system.

## LADDER CABLE TRAY



**Ladder trays can be utilised to support insulated electric cables for power distribution and communication as an alternative to open wiring or electrical conduit systems, which are commonly used for cable management in commercial and industrial construction.**

**Ladder Cable Trays are best suited for supporting high volume or heavy cabling, especially if there are long spans between supports for e.g. electrical, instrumentation and telecommunications cables.**

- Simple design consisting of side rails with rungs connected. The rungs are perforated, which makes it easy to fasten cable ties or cable cleats directly onto the ladder.
- Can support heavy cables, cable bundles and pipes at long support spans.
- Cables can enter and exit anywhere along the span.
- Ladders provide free air flow, which is essential to avoid overheating of cables.
- Minimal accumulation of water, moisture or dust.
- Cables are exposed and easily accessible - making inspection and future modifications uncomplicated.
- Covers can be added to protect cabling against UV, snow/ice and vandalism.
- Accesories and fittings such as elbows, tee pieces, cross pieces and risers make it easy to change direction or level of the cable ladder span. These solutions require minimal space.

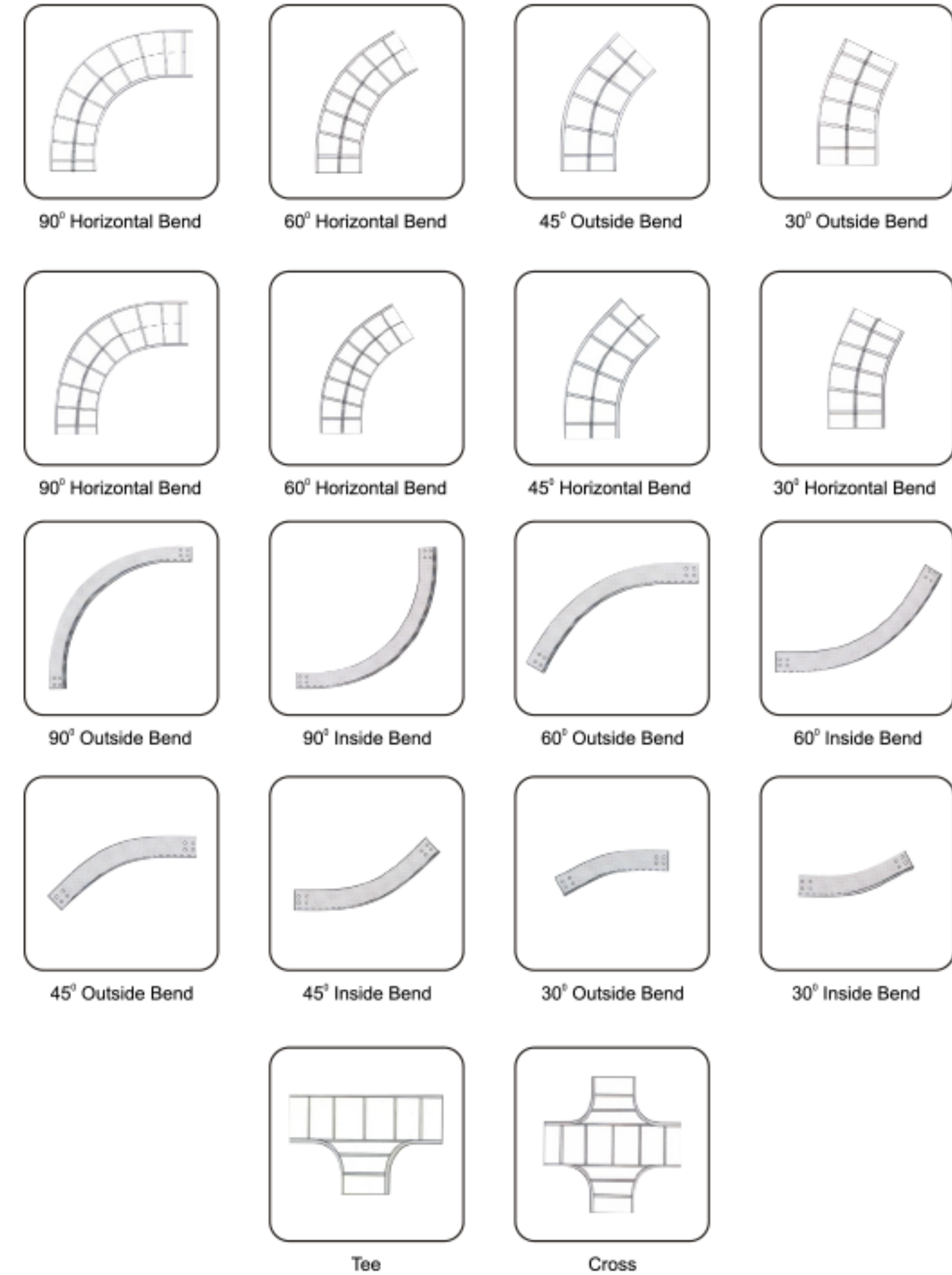




## ACCESSORIES FOR LADDER CABLE TRAY

### PRODUCT SPECIFICATIONS

<b>MATERIAL</b>	MS SHEET, GP SHEET,
<b>WIDTH</b>	50MM TO 1500MM.
<b>RUNNER</b>	50MM TO 150MM.
<b>RUNG</b>	30MM TO 50MM.
<b>STANDARD LENGTH</b>	2500MM
<b>FINISH</b>	MS PAINTED, POWDER COATED, HOT-DIP GALVANIZED



PERFORATED CABLE TRAY



**Perforated Type Cable Trays have uniform holes and are suitable for cables that require both a degree of protection from external damages and ventilation. These cable trays are offered in different types, generally fabricated in mild steel, and can accommodate large number of branch lines and have high load-bearing capacity.**

**Perforated Cable Trays are best suited for light electrical and instrumentation cables and tubing.**

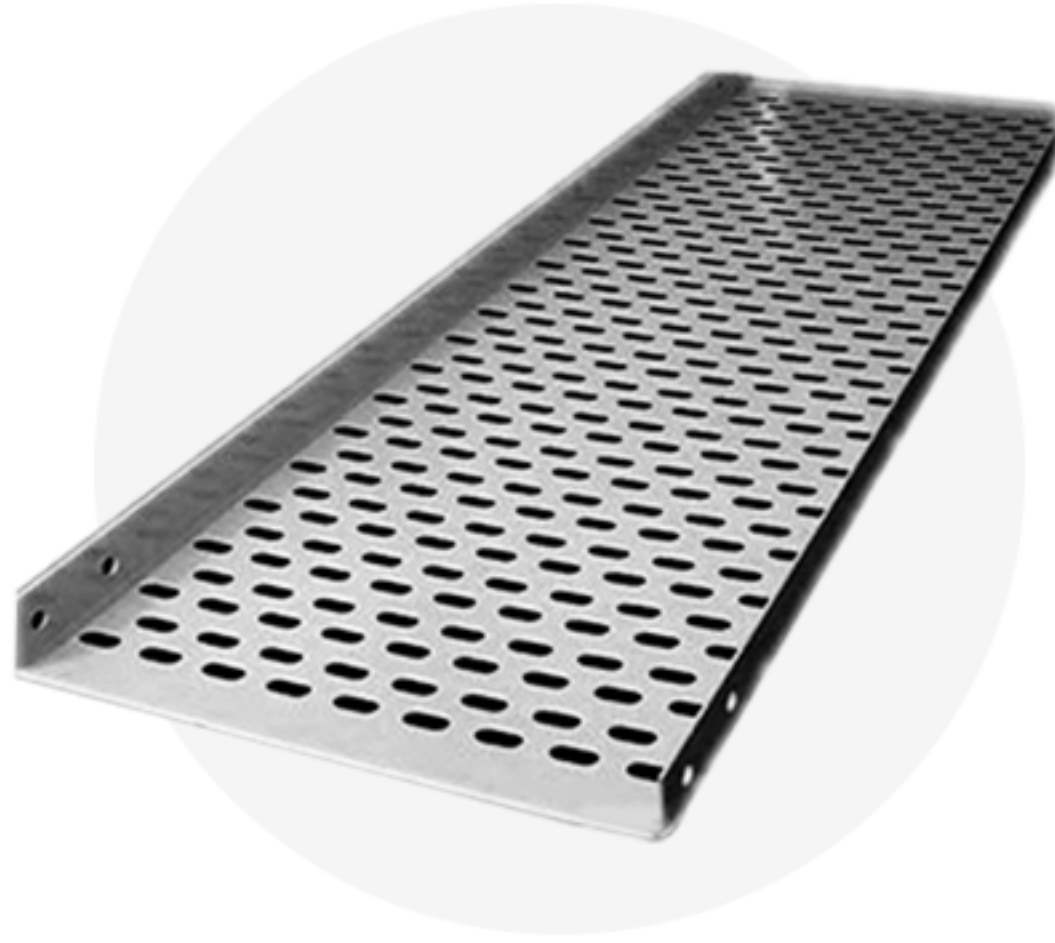
The bottom perforation tray helps with -

- Easy to position equipment and fasten cable ties and other fixings, such as tubing clamps.
- Facilitates air circulation, water drainage and dust to fall through the plane.
- Full free air rating of cable.
- Provide additional support and prevents cables from drooping, which could potentially damage the circuit's performance.
- Reduces the chances of over heating and consecutive damaging of cable.

Coupler holes on the side guarantees easy connecting of cable trays to each other.

Perforated Cable trays are the most aesthetically pleasing option. In buildings with no panelled ceiling, perforated cable trays can be a great option for hiding cables whilst keeping them organised.





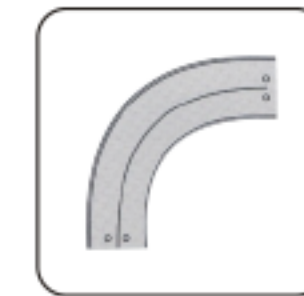
## ACCESSORIES FOR PERFORATED CABLE TRAY

### PRODUCT SPECIFICATIONS

<b>MATERIAL</b>	MS SHEET, GP SHEET,
<b>WIDTH</b>	50MM TO 900MM.
<b>DEPTH</b>	15MM TO 100MM.
<b>STANDARD LENGTH</b>	2500/ 3000MM
<b>FINISH</b>	MS PAINTED, POWDER COATED, HOT-DIP GALVANIZED, GALVALUME



90° Horizontal Bend



60° Horizontal Bend



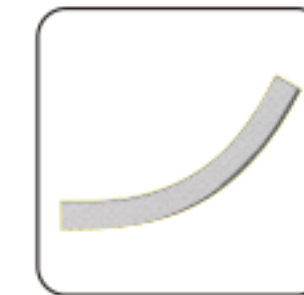
90° Outside Bend



60° Outside Bend



90° Inside Bend



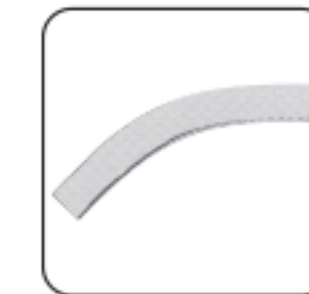
60° Inside Bend



45° Horizontal Bend



30° Horizontal Bend



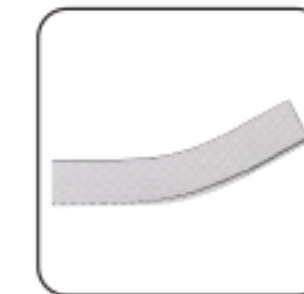
45° Outside Bend



30° Outside Bend



45° Inside Bend



30° Inside Bend



90° Horizontal Bend



60° Horizontal Bend



90° Outside Bend



60° Outside Bend



Tee



[snscorporation.co.in](http://snscorporation.co.in)