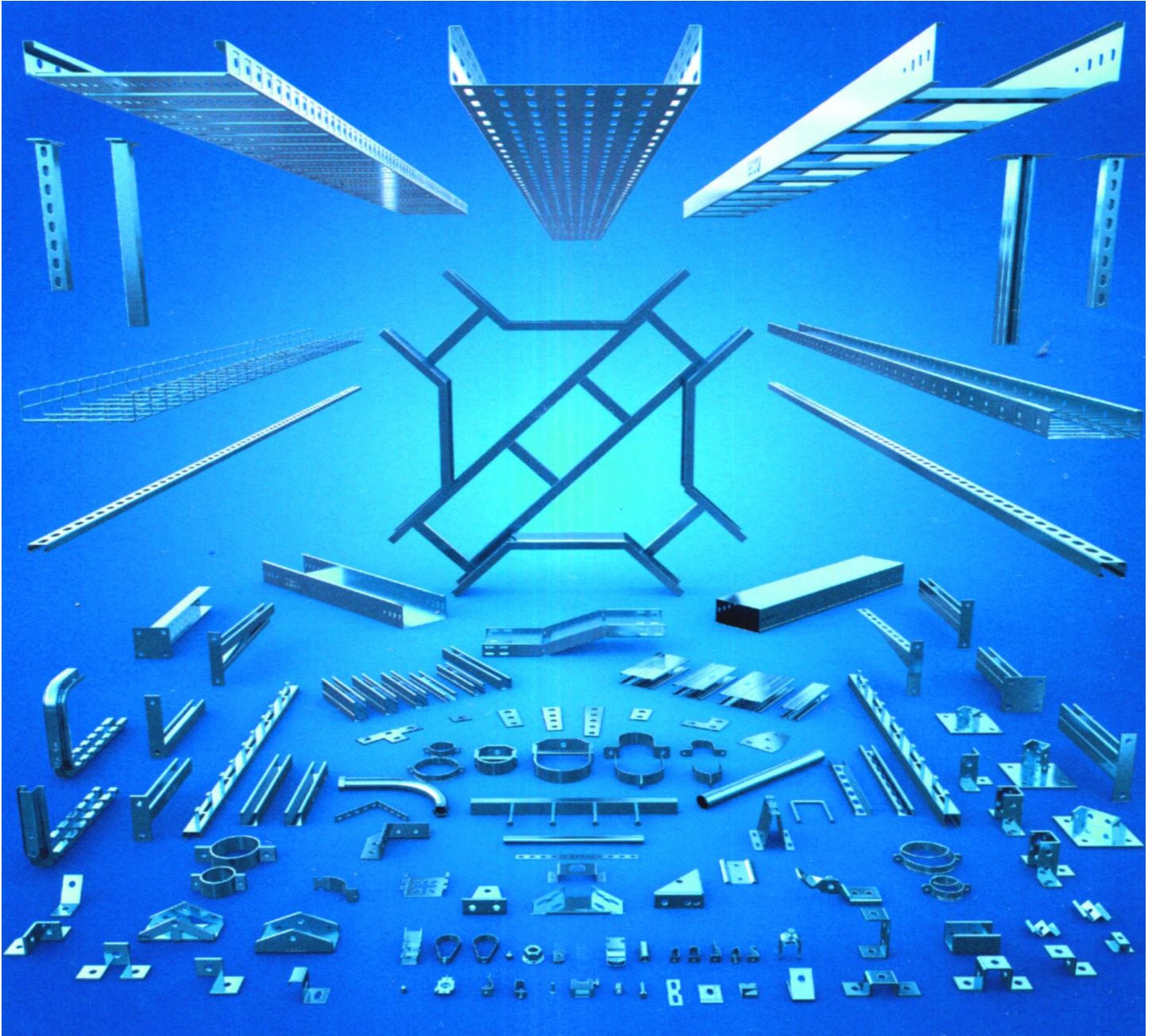




# Cabel Trays

From Multi-Line, three decades of building trust.  
Through competitive pricing and quality.



Philippine Distributor:



**Multi-Line**



## Why Cable Tray?

Cable tray system is advantageous over conduit system, especially in high density electrical wiring installations.

- Safety – Explosive, corrosive and toxic gases can travel through conduits and go to equipment and control rooms and expose personnel and sensitive equipment.

Cable tray does not provide a path for the transmission of these gases.

- Dependability – Cable tray system's dependability has been put to test for 50 years or so.

Its track record shows excellent performance in highly sensitive facilities where electrical system failures can cause serious downtime and millions of Pesos in lost revenue.

- Space Savings – Cable tray requires substantially less space.

A 450MM wide cable tray has an allowable fill area of 21 square inches. It would take 7 pieces of 75MM diameter conduits to have the same allowable fill area.

Cable tray allows routing of more cables in less space and at lower costs.

- Flexibility in design
  - Conduit banks and multiple conduit runs require pull boxes, splice boxes and more hangers and supports. The same wiring system can be done using a single run of cable tray.
  - A cable can easily enter and exit the cable

tray at any point allowing jobsite changes to be done easily and quickly. An impossible feature for conduits.

- A small increase in the width of a cable tray provides the additional wiring space necessary for additional cabling.
- Easier and faster to install
  - A single run of equivalent cable tray system is much easier and faster to install than multiple runs of conduit.
  - Cable trays are easier to install especially in high elevation installations.
  - Conductor pulling is more complicated and time consuming for conduit wiring system.
  - Conduits may be clogged making cable pulling difficult.
  - Cable insulation damage is common since jamming can occur.
  - Laying cables in cable trays is easier and faster to accomplish.
- Maintenance cost savings
  - Additional cables are easily installed in existing cable trays, additions or modifications of the wiring can be done quickly with minimum disruption to operations.
  - Heat build-up and moisture are the major causes of conductor failure and electrical equipment damage. With cable tray heat is immediately dispersed and moisture accumulation is avoided.
  - With the open accessibility of cable tray, abandoned cables are easily identified, marked, or removed.
  - By visual inspection cable deterioration or damage is easily identified.

## Why Besca?

Besca is the best choice for cable tray systems.

- Besca is one of the largest professional manufacturer of cable trays in China
- More than 10 years track record, ISO9001 certified and GMC approved manufacturing system.

- Quality Products - UL, CE, CUL, TUV, SGS certified products
- Ten (10) years product warranty
- Over 500,000 meters cable trays monthly production, 24/7 operations, fast delivery
- Can customize to customer's specifications
- Very competitive prices, guaranteed.

Philippine Distributor:



TRUST TECHNOLOGY



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BESCA offer a wide range of perforated cable trays which are fabricated using quality raw material such as Pre-galvanized (GI).

These perforated cable trays are offered in different types,

generally fabricated in mild steel.

Moreover, BESCA also develop various accessories for our range which are used for support & installation of cables over the cable trays.

### Standard material and surface finishing

G	Pre-galvanized steel
H	Hot dip galvanized
S4	Stainless steel SS304
S6	Stainless steel SS316
A	Aluminum
P	Powder coating

### Accessories

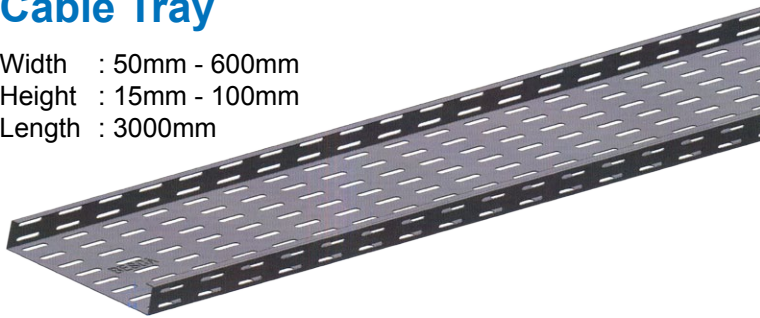
- Fittings
- Clamps
- Supports

### Features

- Corrosion Resistance
- Simple Usage
- Durability

## Cable Tray

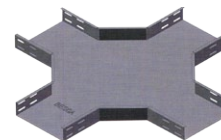
Width : 50mm - 600mm  
 Height : 15mm - 100mm  
 Length : 3000mm



Elbow 90°



Tee



Cross



Inside Riser

## Cable Ladder Tray Straight

Width : 150mm, 300mm, 450mm, 600mm  
 Height : 50mm  
 Length : 3000mm



## Cable Ladder Tray Straight

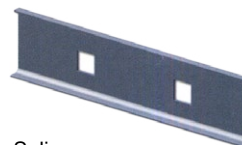
Width : 172mm, 322mm, 472mm, 622mm  
 Height : 50mm  
 Length : 3000mm



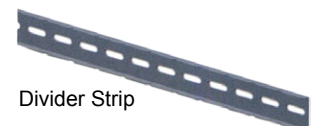
Hold Down Unit



Riser Link



Splice



Divider Strip

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Cable Ladder of BESCA is an economical wire management system designed to support and protect electrical wires and cables.

Cable Ladder is permitted in a variety of indoor and outdoor applications.

BESCA Cable ladder systems can provide significant advantages in cable fill over other wiring methods. This can provide savings in the size or number of raceways

required thereby reducing both material and labor costs. Cable Ladder permits much greater spacing between support hangers than for most other systems, providing savings in support costs and labor installation.

Standard finish of BESCA Perforated Cable Tray as below, customize available. And in varying width and load depth for many applications including primary service entrance, main power feeders, branch wiring, instrument and communications cable.

### Standard material and surface finishing

G	Pre-galvanized steel
H	Hot dip galvanized
S4	Stainless steel SS304
S6	Stainless steel SS316
A	Aluminum
P	Powder coating
FRP	Fiberglass Reinforced Plastics / GRP

### Accessories

- Fittings
- Clamps
- Supports

### Advantages

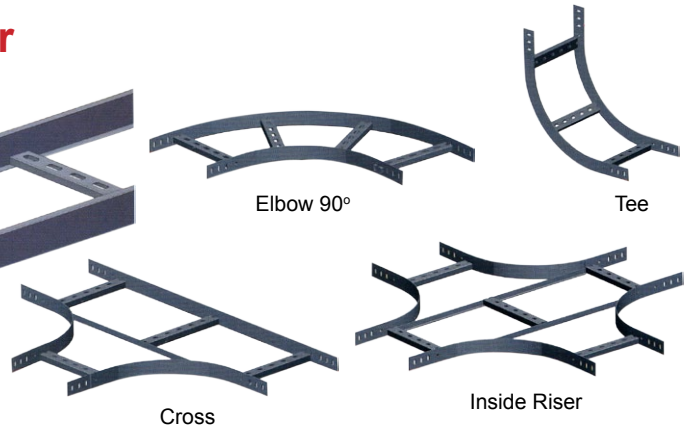
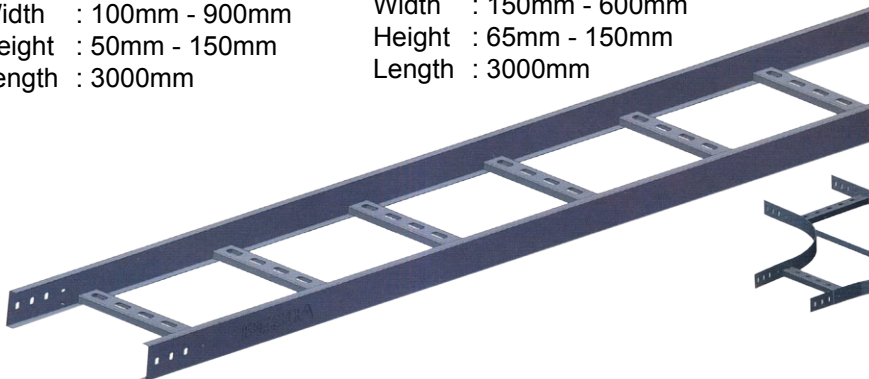
- From light to heavy load
- Good lateral stability
- No nasty sharp edges
- Open profiles provide better corrosion protection
- Reduced weight without losing strength

## Cable Ladder

Width : 100mm - 900mm  
 Height : 50mm - 150mm  
 Length : 3000mm

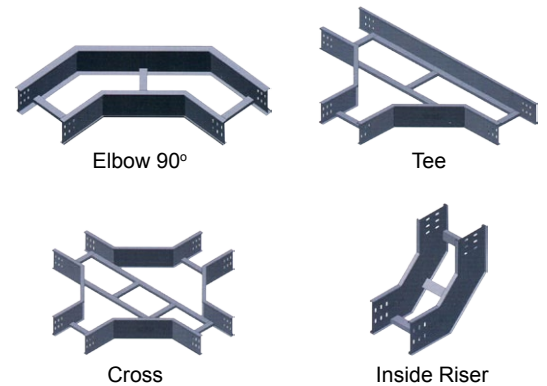
## Steel Cable Ladder

Width : 150mm - 600mm  
 Height : 65mm - 150mm  
 Length : 3000mm



## Aluminum Cable Ladder

Width : 150mm - 900mm  
 Height : 100mm - 200mm  
 Length : 3000mm



Philippine Distributor:



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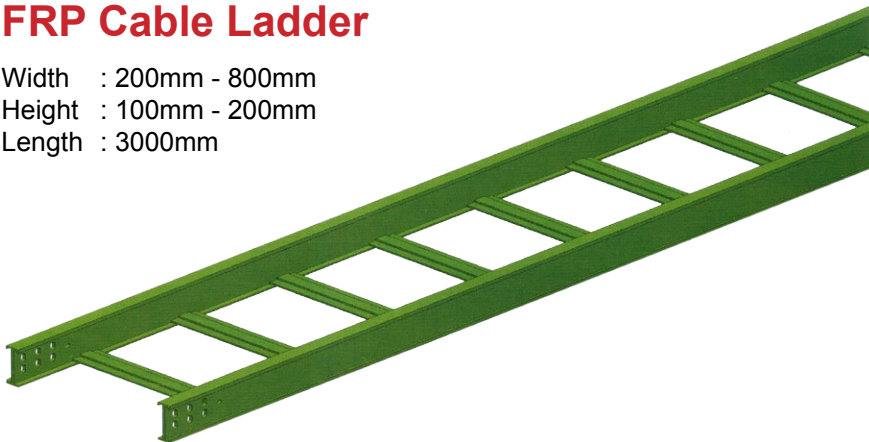


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## FRP Cable Ladder

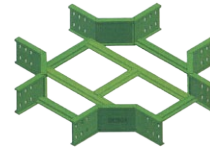
Width : 200mm - 800mm  
Height : 100mm - 200mm  
Length : 3000mm



Elbow 90°



Tee



Cross



Inside Riser

## WIRE MESH CABLE TRAY



Besca Wire Mesh Cable Tray systems are produced from ASTM A510 high strength steel wires. A fully automated welding process produces continuous wire mesh, which is formed into our Wire Mesh Cable Tray system.

Besca Wire Mesh Cable Tray provides premium performance in commercial and light industrial applications. Besca Wire Mesh Cable Tray is complimented with all the accessories you need. Straight and waved edge Can be chosen by customer.

The standard 2" x 4" (50x100mm) wire mesh pattern is designed for maximum flexibility, allowing for easy field cutting, bending, assembly and convenient cable drop outs.

With no need for separate bends, risers, tees and crosses, Besca Wire Mesh Cable Tray lengths can be fabricated to suit the application on site.

### Standard material and surface finishing

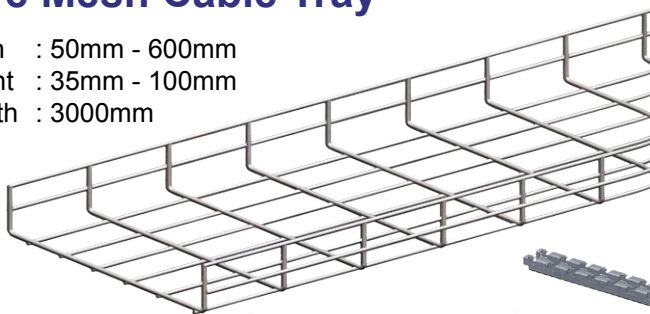
- Z Zinc Plated
- H Hot dip galvanized
- S4 Stainless steel SS304
- S6 Stainless steel SS316

### Advantages

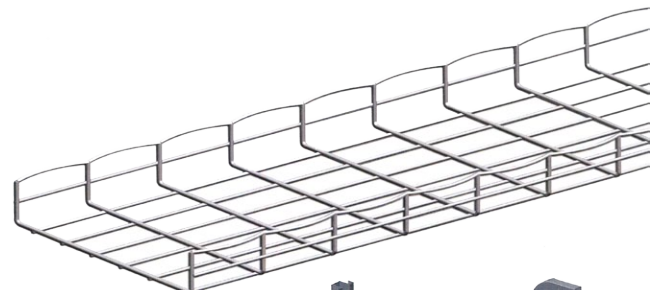
- Light weight, heavy load
- Strong, versatile
- Easy to install and maintain

## Wire Mesh Cable Tray

Width : 50mm - 600mm  
Height : 35mm - 100mm  
Length : 3000mm



Straight Bracket



Wall Bracket



L Bracket



U Bracket

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**Application**

- Houses runs of control and power cable
- Used for cable and wire junction, distribution and termination

**Standard material and surface finishing**

G Pre-galvanized steel

**Construction**

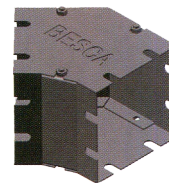
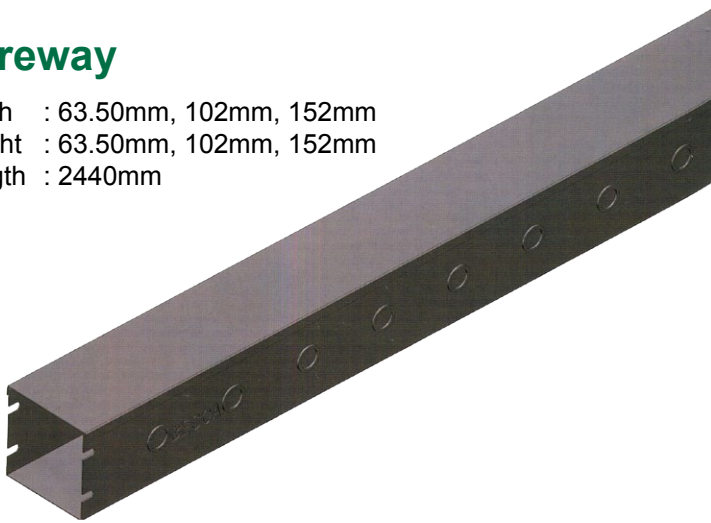
- Wireway body and cover are fabricated from code gauge steel
- Wireway body has mounting holes on the back
- Wireway is available with or without knockouts on the top and bottom sides
- Wireway fittings have no knockouts, ends are available with or without knockouts
- Wireway have cover which are attached with formed hinges on one side

**Standard**

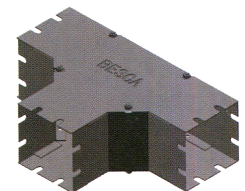
- UL870 listed
- NEMA standard

**Wireway**

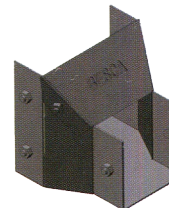
Width : 63.50mm, 102mm, 152mm  
 Height : 63.50mm, 102mm, 152mm  
 Length : 2440mm



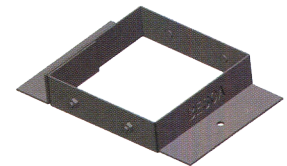
Elbow 45°



Tee



Reducer



Flange

Cable Trunking is an economical wire management system designed to support and protect electrical wires and cables.

Cable Trunking is permitted in a variety of indoor and outdoor applications.

**Standard material and surface finishing**

- G Pre-galvanized steel
- H Hot dip galvanized
- S4 Stainless steel SS304
- S6 Stainless steel SS316
- A Aluminum
- FRP Fiberglass Reinforced Plastics / GRP

**Advantages**

- Cheap and easy installation method
- The cables are enclosed in trunking, there is no risk of cable insulation to be damaged
- Cables are safe against dust and humidity
- Alternations are possible
- Trunking systems has a long life

**Disadvantages**

- Expensive compare to other wiring systems.
- Care and good workmanship are needed to ensure a successful installation.

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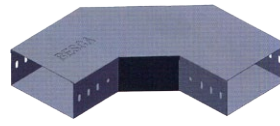
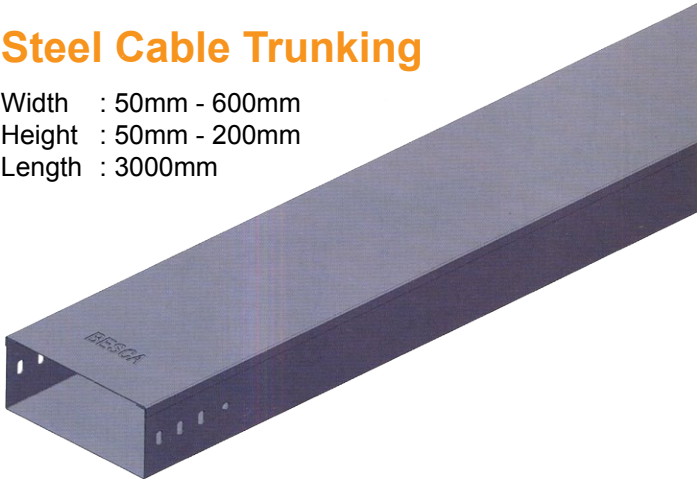


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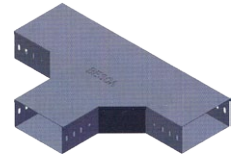


### Steel Cable Trunking

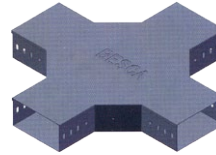
Width : 50mm - 600mm  
Height : 50mm - 200mm  
Length : 3000mm



Elbow 90°



Tee



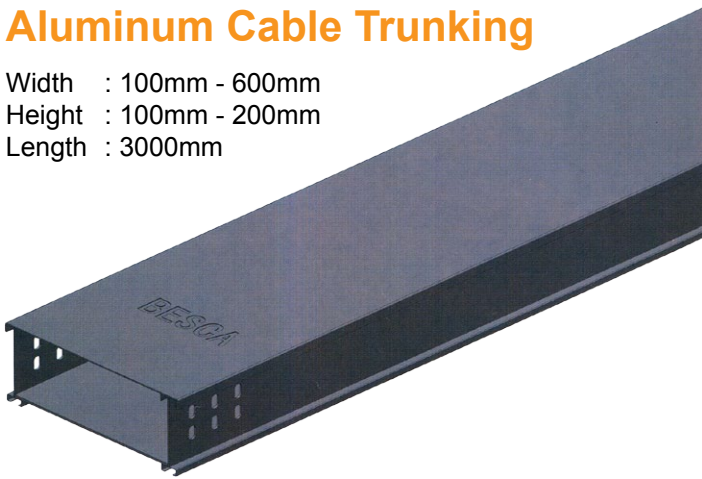
Cross



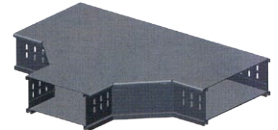
Inside Riser

### Aluminum Cable Trunking

Width : 100mm - 600mm  
Height : 100mm - 200mm  
Length : 3000mm



Elbow 90°



Tee



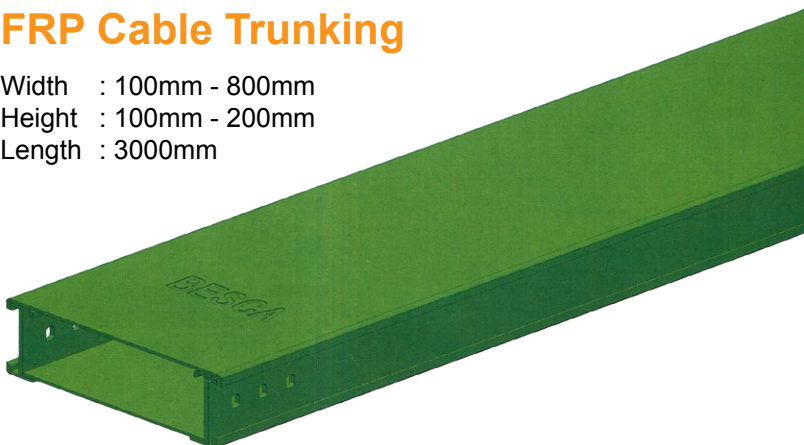
Cross



Inside Riser

### FRP Cable Trunking

Width : 100mm - 800mm  
Height : 100mm - 200mm  
Length : 3000mm



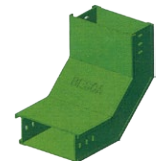
Elbow 90°



Tee



Cross



Inside Riser

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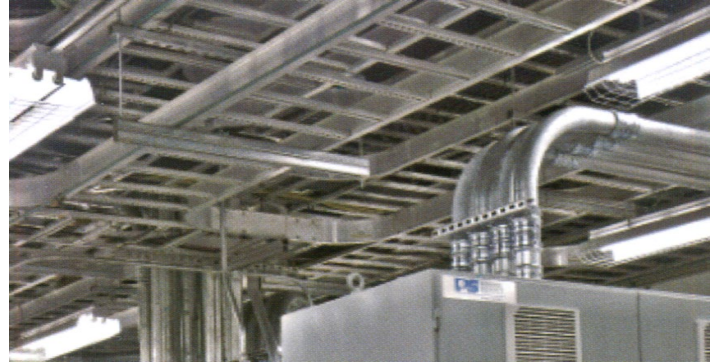


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# MAIN APPLICATIONS



Airports



Data Center



Solar Engineering



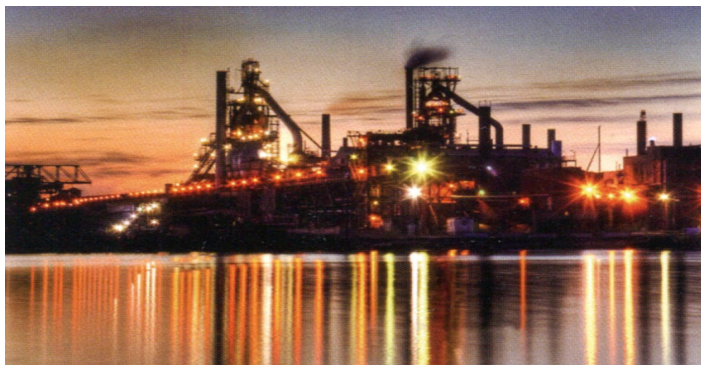
Marine Engineering



Electrical Supports



Oil and Gas Downstream



Steel Factory



Wind Power

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