

EGYTRAY

CABLE TRAYS

CABLE TRUNKS

CABLE LADDERS

ALUMINUM CABLE LADDERS

CABLE TRAY SUPPORT SYSTEMS



EL SEWEDY
INDUSTRIES

AHMED SADEK EL SEWEDY

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INTRODUCTION

EL SEWEDY INDUSTRIES



El Sewedy Industries Group is a discriminative group , which was established in 1948 and spread rapidly in the middle east .

We have successfully managed to impact the local marketing and Nowadays , We are one of the market leaders in the competitive local industries .

We have spread over The Mena Region , Africa and Europe .

Our Vision and Goals are now for consolidating Our name , Company profile and Business Value around the world .

We strived for Continuous research and development which led our group to retain customers loyalty throughout the last 70 years .

Quality & After Sales Services with the highest level of competence are characterized our products .

Products that hold El Sewedy Labels are abiding by the international guidelines for various issues such as health , safety and environment awareness .

Elswedey Eelectric industries Co. is a member of elsewedey industries, it has three lines of products EGYLUX (lighting fixtures), EGYTRAY (cable trays), EGYCON (UPVC conduits)

EGYTARY is a member within El Sewedy Electrical Industries CO. EGYTARY is committed to provide both the local and International markets with a wide range of cable trays, cable trunks, cable ladder and accessories.

Products are conceived with the highest attention to details, fit and durability and safe method of installation to all EGYTARY wide range products

All products are designed by CAD/CAM the latest software technology for this purpose.

EGYTARY is connected with the different cable support systems, particularly cable trays and cable ladders. In addition to its policy objectives.

El Sewedy Electrical Industries factory is equipped with the latest technology in the manufacturing of cable trays using CNC controls and automatic powder application technology regarding to electro-static powder application.

At EGYTARY we successfully managed to incorporate the latest modern technologies and designs in all productions phases to ensure defect free competitive products that exceed our client's expectations.



Technical Information

- 1-All perforated cable trays can be manufactured without perforation upon request.
- 2-Our standard length of products is 3.0 meters
- 3-Almost all items can be manufactured in other dimensions.



INTRODUCTION

Surface Treatment

- **Hot dip galvanized before fabrication**

According to EN 10327.

- EGYTARY continuously provides sufficient protection against corrosion in dry interiors (not in an aggressive environment).
- This also applies to the untreated cut edges, since the cathodic protection between steel and zinc acts there, provided that a sheet thickness of 2mm is not exceeded
- EGYTARY ensures that this limit is not exceeded at continuously hot galvanized sheets.

- **Hot dip galvanized after fabrication**

According to EN ISO 1461

- Hot dip galvanization products have film which is almost thrice thickness as thick. They are suitable for outdoor purpose.
- The approximate values for the annual zinc loss thickness is:

Non-urbanized air	1-2 μm
Urbanized air	3-5 μm
Sea air	5-10 μm
Industrial air	5-10 μm
- EGYTRAY hot dip galvanized cable trays are immersed in liquid zinc after manufacturing, so that all edges and welds are also Protected against corrosion. Cutted edges arising later during installation can be treated with cold zinc.

- **Electrostatic Epoxy Painted**

- The system is available for high aesthetic requirements or special: corrosive demands with a coating especially suited to customer's purpose. Many Rall colors can be used.
- It's also available:
 - a) H.D.G before fabrication with electrostatic epoxy coated.
 - b) H.D.G after fabrication with electrostatic epoxy coated.

Material

- **Stainless Steel**

EGYTRAY provides systems made of stainless steel for special applications, for example food industry and aggressive environment.

- **Sheet Steel**

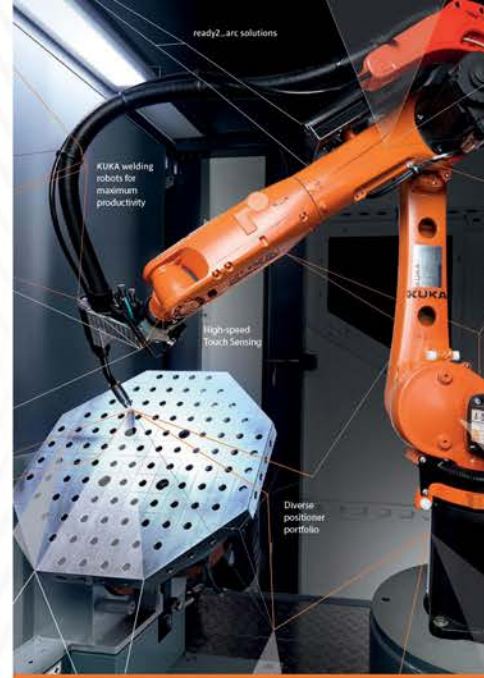
EGYTRAY provides systems made of Sheet steel for special applications, for example food industry and aggressive environment.

- **Aluminum**

EGYTRAY provides systems made of Aluminum for special applications, for example food industry and aggressive environment.

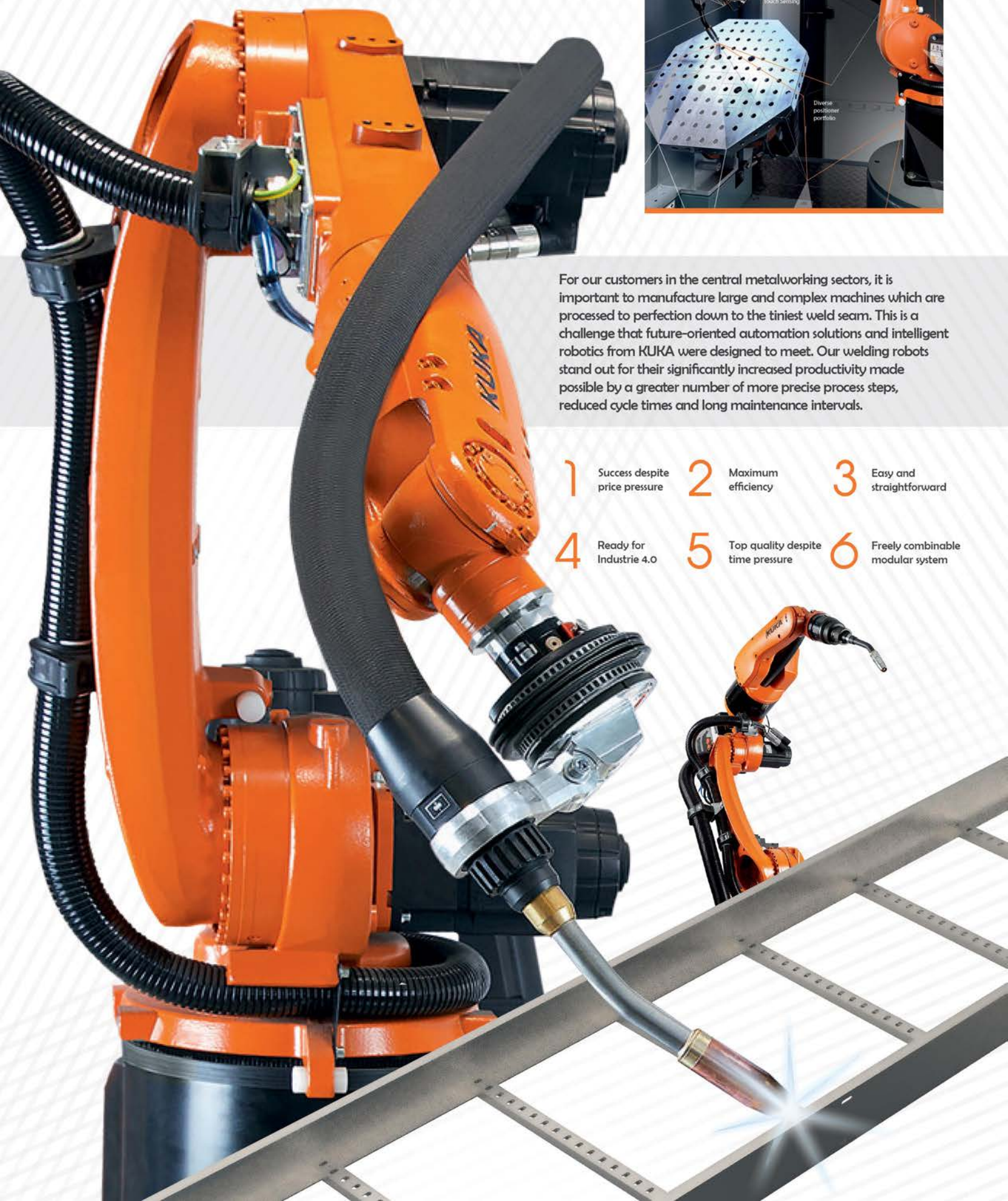
ROBOTS FOR ARC WELDING

Perfected quality



For our customers in the central metalworking sectors, it is important to manufacture large and complex machines which are processed to perfection down to the tiniest weld seam. This is a challenge that future-oriented automation solutions and intelligent robotics from KUKA were designed to meet. Our welding robots stand out for their significantly increased productivity made possible by a greater number of more precise process steps, reduced cycle times and long maintenance intervals.

- 1 Success despite price pressure
- 2 Maximum efficiency
- 3 Easy and straightforward
- 4 Ready for Industrie 4.0
- 5 Top quality despite time pressure
- 6 Freely combinable modular system



NEW PRODUCT

ALUMINUM & MESH CABLE TRAYS



ALUMINUM CABLE LADDERS

STRAIGHT CABLE LADDER (ALUMINUM)

HORIZONTAL ACC. FOR CABLE LADDER (ALUMINUM)

TEE & X ALUMINUM

VERTICAL ACC. FOR CABLE LADDER (ALUMINUM)

MESH WIRE CABLE TRAYS

STRAIGHT CABLE TRAY (MESH TYPE)

HORIZONTAL ELBOW 90

HORIZONTAL TEE

HORIZONTAL CROSS

Aluminum Cable Ladders

Straight cable Ladder (Aluminum)
Horizontal Acc. for cable ladder

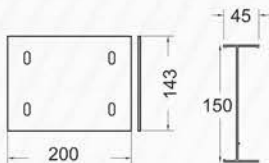
Straight cable Ladder (Aluminum)

Material : Extruded Aluminum

Ladder Type	Material	Section	Width (mm)	Height (mm)	L/P (mt)	Rung Size* (mm)	Rung Step (mm)	
CL	AL	I	150 up to 900	150S	3	30 20S	230	
	CL	AL	I	500	150S	3	3020S	230

Code Sample

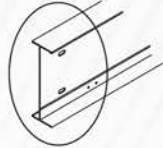
Cable Ladder Aluminum I Section 500 x 150 , L/P = 3 m , Rung 30 x 20 , Step 230 mm



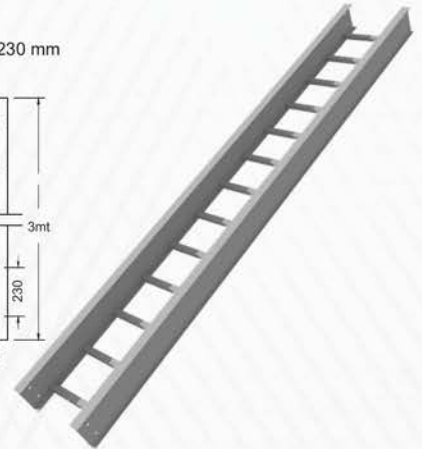
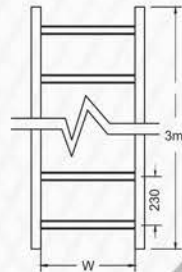
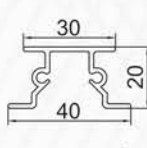
Connector



Ladder Side



Rung



Horizontal Acc. for cable ladder (Extruded Aluminum)

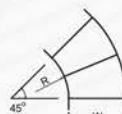
Type	Material	Section	Width (W1)	Width (W2)	Width (W3)	Width (W4)	Height (mm)	Rung Size (mm)	Rung Step (mm)	Radius* (mm)
L Horizontal Elbow 90°	AL	I	150 up to 900				150S	30 20S	230	300C
V Horizontal Elbow 45°			✓	✓						600C
A Horizontal Elbow 30°			✓	✓						900C
	L	AL	I	900	150S		3020S	230	600C	

Code Sample

Horizontal elbow 90° cable Ladder (curved) Aluminum I Section 900 x 150 , Rung 30 x 20 , Pitch= 230mm , R= 600mm



Horizontal Bend 30° Connection



Horizontal Bend 45° Connection

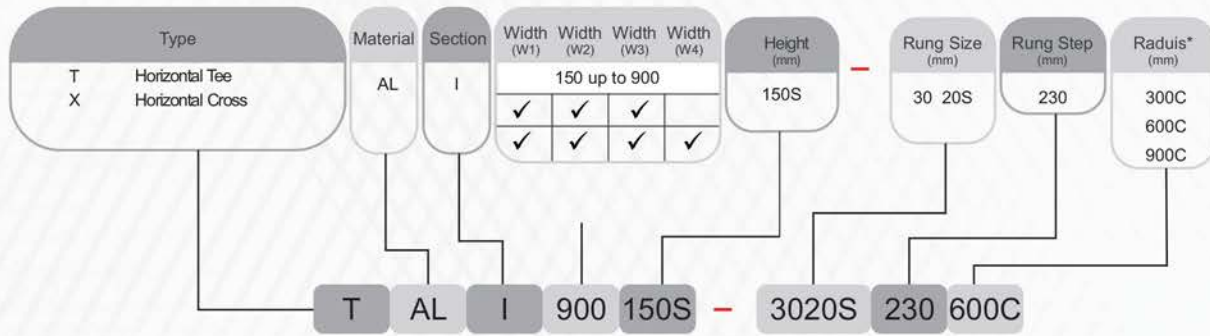


Horizontal Bend 90° Connection

-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

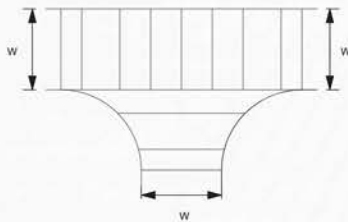
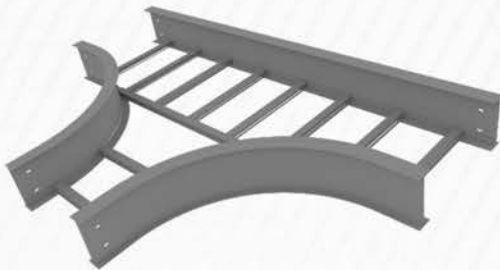
-Any other values of Radius can be arranged upon request
-Different Values of widths can be arranged upon request

Tee & X aluminum

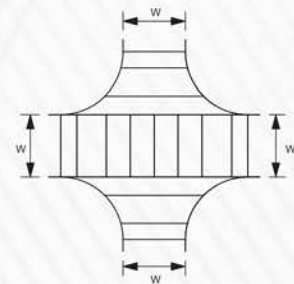


Code Sample

Horizontal Tee 90° cable Ladder (curved) Aluminum I Section 900 × 150, Rung 30 × 20, Pitch= 230mm, R= 600mm



Horizontal Tee



Horizontal Cross

-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
 -Different Values of widths can be arranged upon request

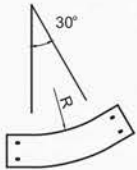
Aluminum Cable Ladders | Vertical Acc. for Cable ladder (Aluminum)

Vertical Acc. for Cable ladder (Aluminum)

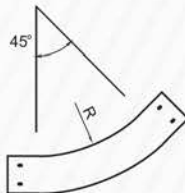
Type	Material	Section	Width (mm)	Height (mm)	Rung Size (mm)	Rung Step (mm)	Radius* (mm)
I O N E G H	AL	I	150 up to 900	150S	30 20S	230	300C 600C 900C
	I	AL	I	20	10S	3020S	230 600

Code Sample

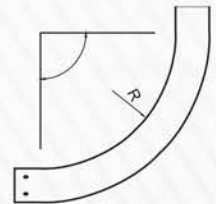
Vertical raiser 90° cable Ladder Aluminum I Section 200 × 100 × section mm -Rang 30 × 20 section mm P= 230 R= 600



Raiser 30° Connection



Raiser 45° Connection



Raiser 90° Connection



Faller 30° Connection



Faller 45° Connection



Faller 90° Connection

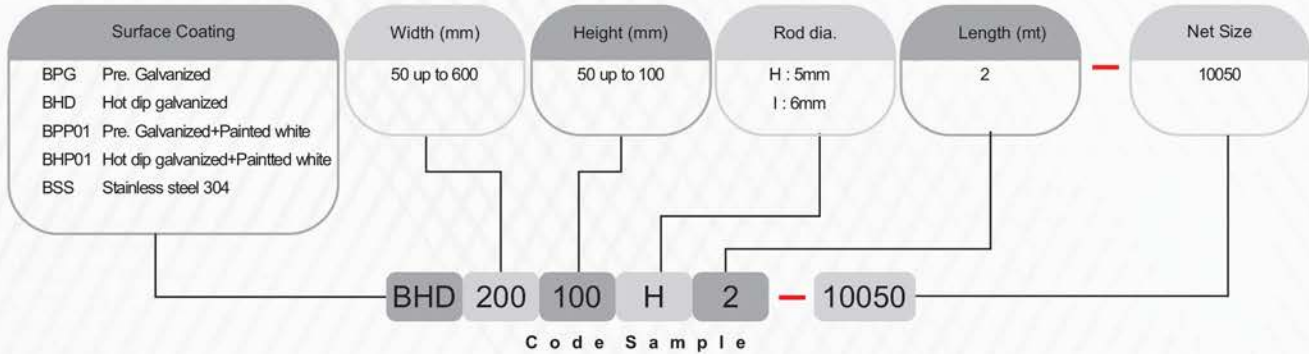
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
 -Different Values of widths can be arranged upon request

Mesh Wire Cable Trays

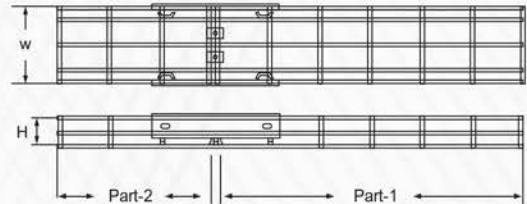
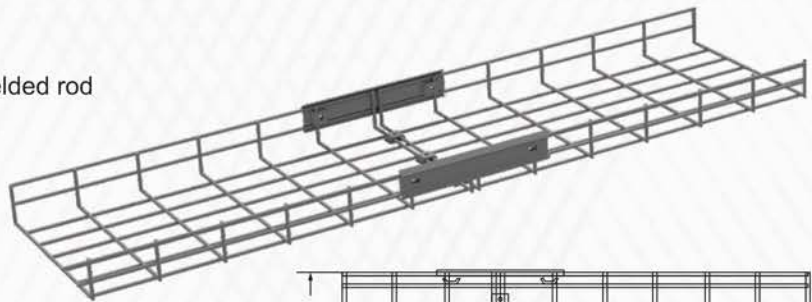
Straight Cable Tray (Mesh type)
Horizontal Elbow 90

Straight Cable Tray (Mesh type)

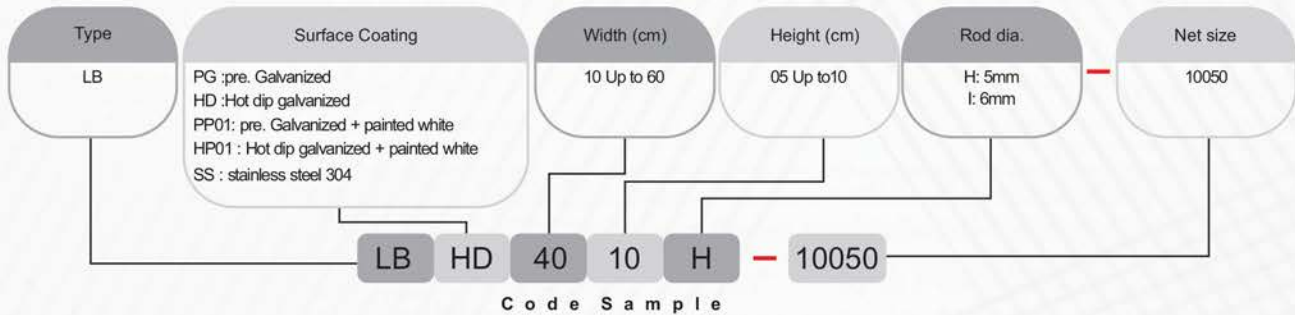


Basket Tray Hot dip galvanized 200 x 100 , L/P = 2m , Rod Dia. 5mm , Net size 100x50mm

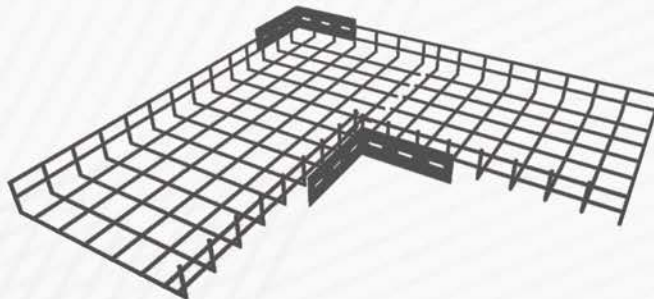
Description: Mesh Tray made of spot welded rod
Rod diameter 5mm
Net size 100*50mm
Thickness for side joint 1.5mm
Thickness for Clamp joint 1.5mm
Fixation: Mushroom head bolt M6x16



Horizontal Elbow 90



Horizontal Elbow 90 For Basket Tray Hot dip galvanized 400 x 100 , Rod Diameter 5 mm , Net size 100x50



Horizontal Elbow 90

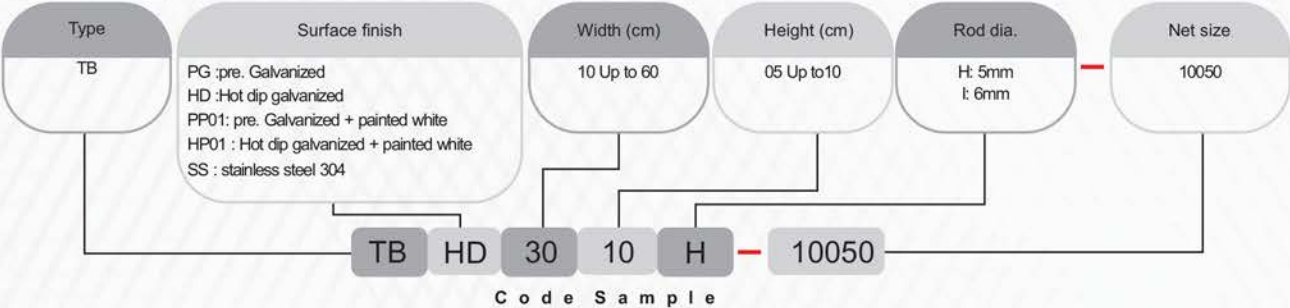
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Different Values of widths can be arranged upon request

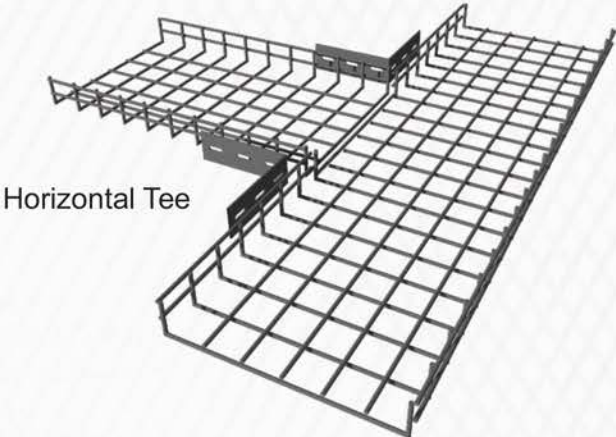
Mesh Wire Cable Trays

Horizontal Tee
Horizontal Cross

Horizontal Tee

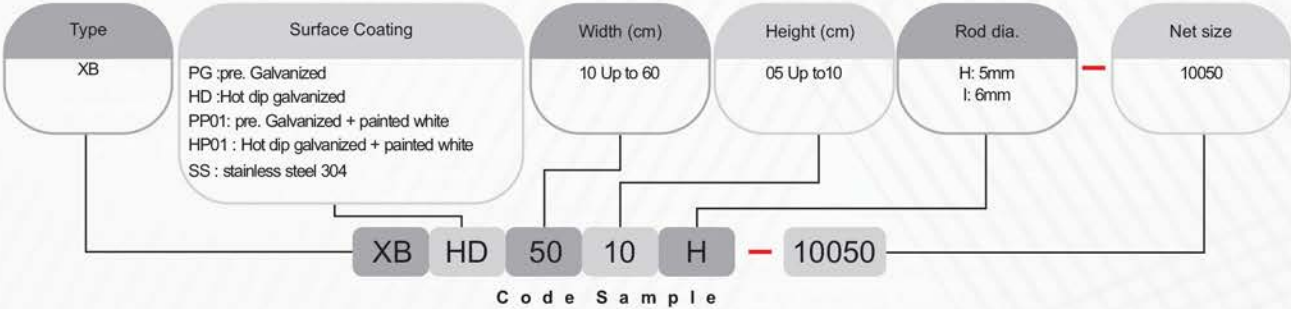


Horizontal Tee For Basket Tray Hot dip galvanized 300 × 100 , Rod Diameter 5 mm , Net size 100×50

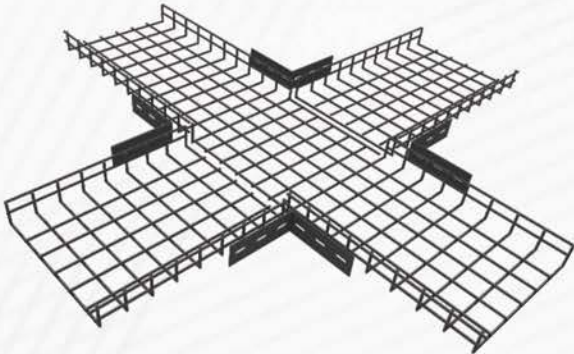


Horizontal Tee

Horizontal Cross



Horizontal Cross For Basket Tray Hot dip galvanized 500 × 100 , Rod Diameter 5 mm , Net size 100×50



Horizontal Cross

- Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
- Hot Dip Galvanized (Before Fabrication) according to EN 10327
- Metal Cable Tray Systems According to NEMA VE1 2009

- Any other types of Mesh Acc. can be arranged upon request
- Any other dimension can be arranged upon request
- For all types width must be greater than or equal the height

CABLE TRAYS



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CABLE TRAYS

STANDARD CABLE TRAY DIMENSIONS

STANDARD CABLE TRAY HORIZONTAL BEND 90° CONNECTION

STANDARD CABLE TRAY HORIZONTAL BEND 45° CONNECTION

STANDARD CABLE TRAY REDUCER CONNECTION

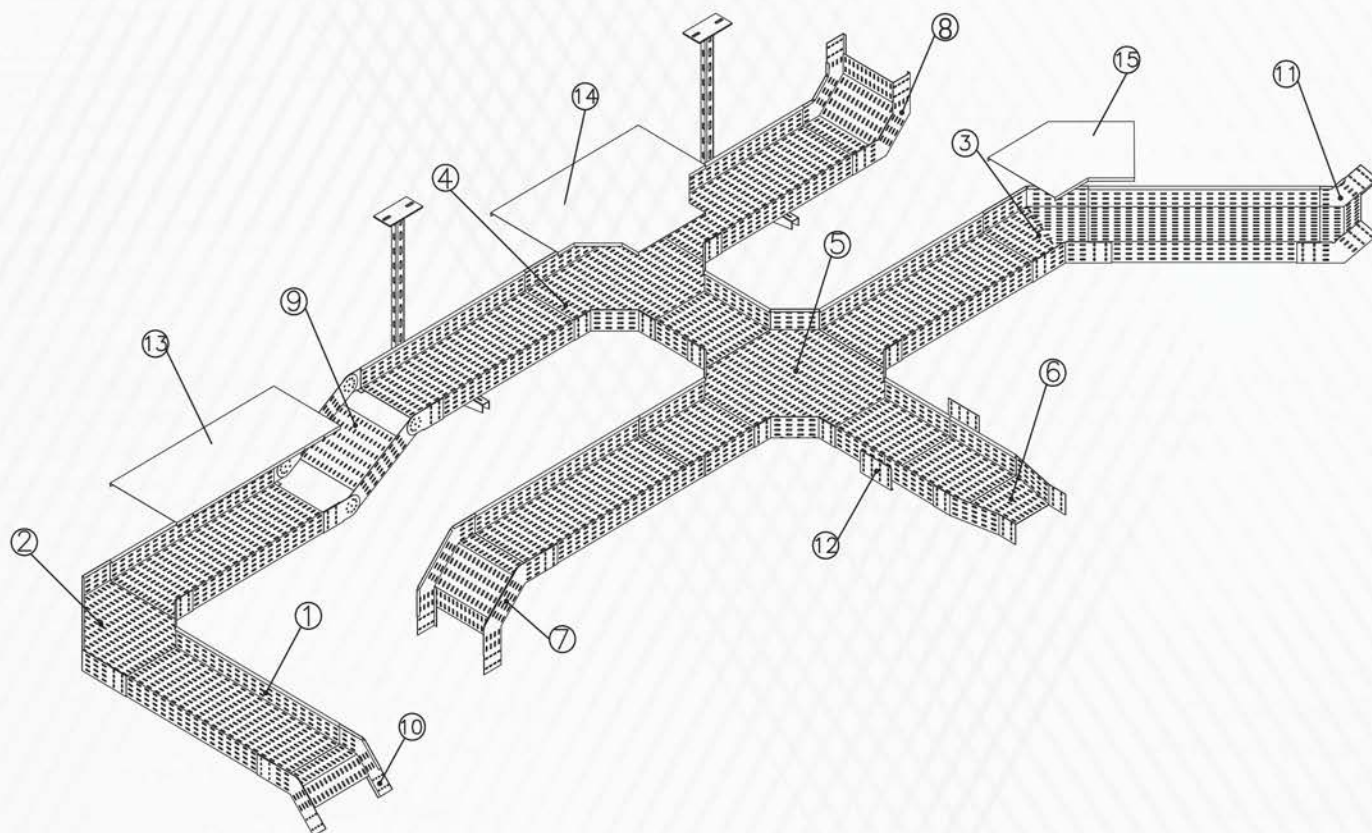
STANDARD CABLE TRAY HORIZONTAL TEE CONNECTION

STANDARD CABLE TRAY HORIZONTAL X CONNECTION

CABLE TRAY FALLING

CABLE TRAY RAISER

CABLE TRAYS SYSTEM



1- Cable Tray



7- Vertical faller 90°



13- Straight Cover



2- Horizontal L90°



8- Vertical raiser 90°



14- Tee Cover



3- Horizontal L45°



12- Straight connector



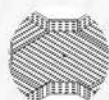
15- L45° Cover



4- Horizontal tee



10- Vertical faller 45°



5- Horizontal cross



11- Vertical raiser 45°



6- Middle reducer

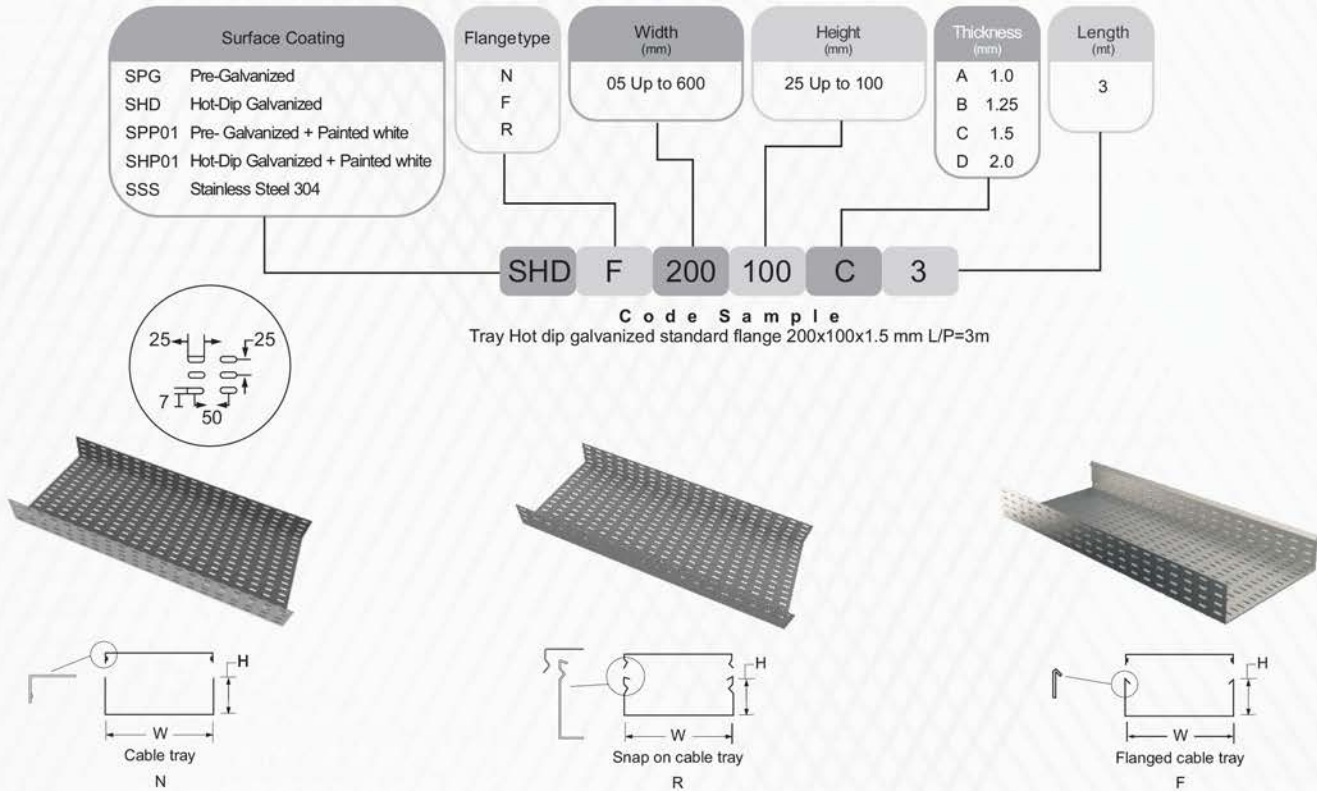


12- Vertical adjustable bend element

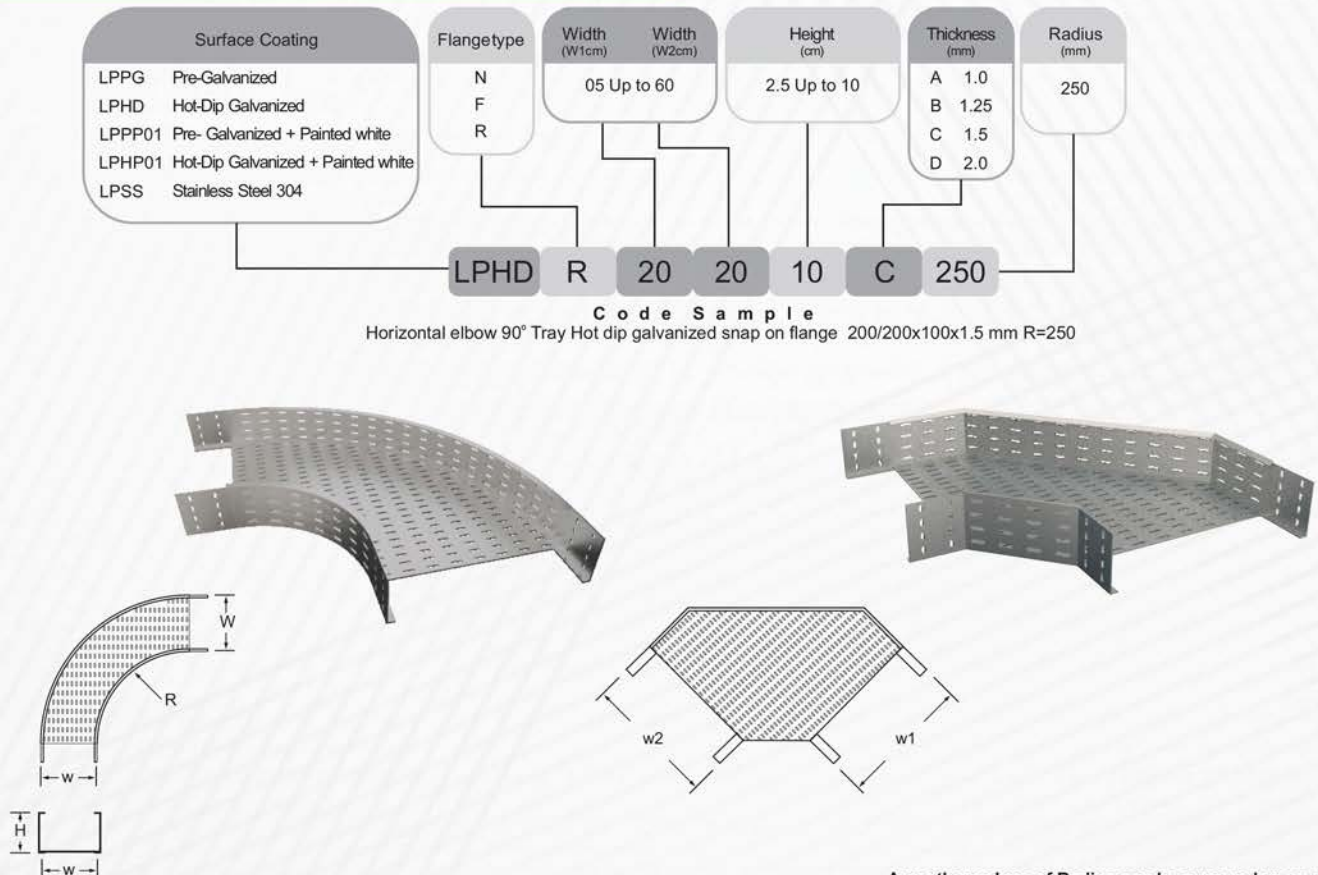
Cable Trays | Standard Cable Tray Dimensions

Standard Cable Tray Horizontal Bend 90° Connection

Standard Cable Tray Dimensions



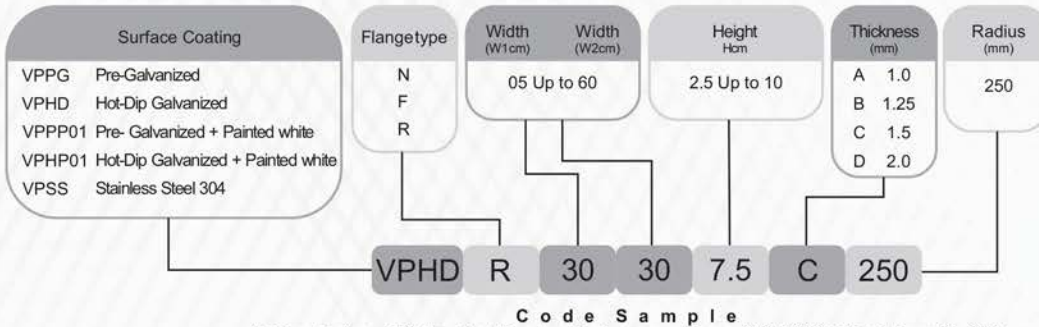
Standard Cable Tray Horizontal Bend 90° Connection



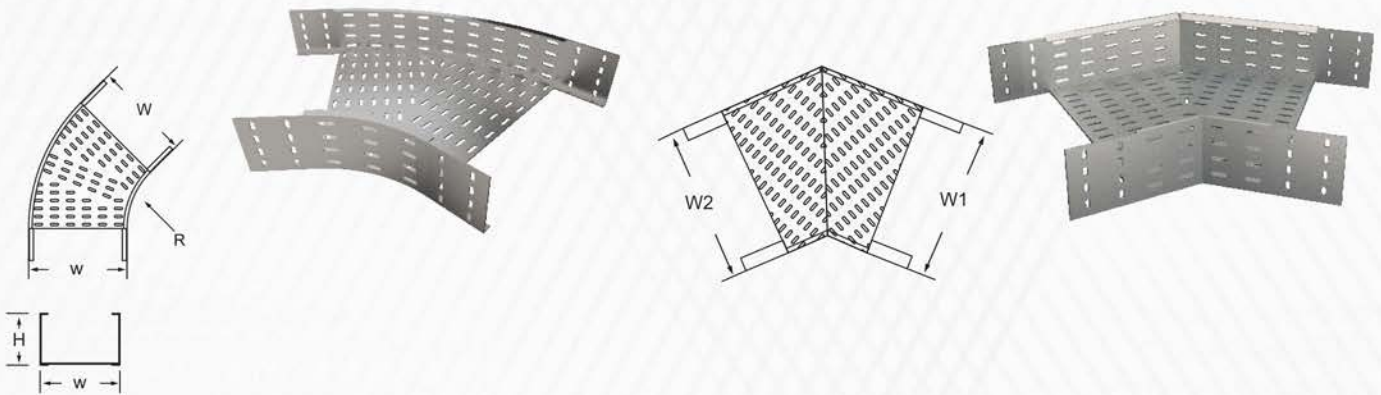
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
 -For Curved type add (C) in the end of code
 -Any further dimension and specs can be arranged on request
 -for type R flanged minimum height is 50 mm
 -Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
 -For any size, width must be greater than or equal to height

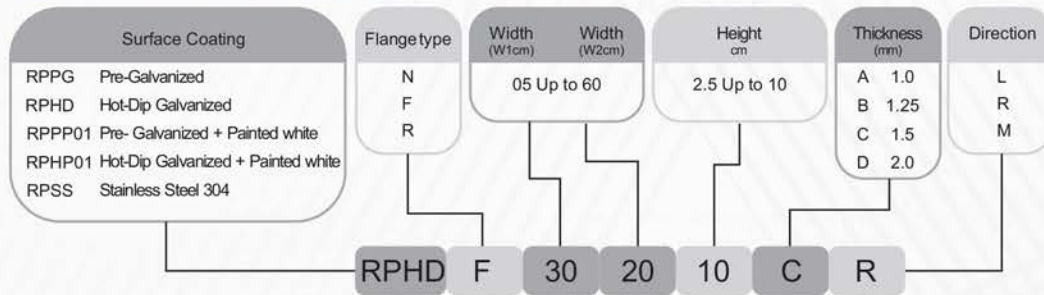
Standard Cable Tray Horizontal Bend 45° Connection



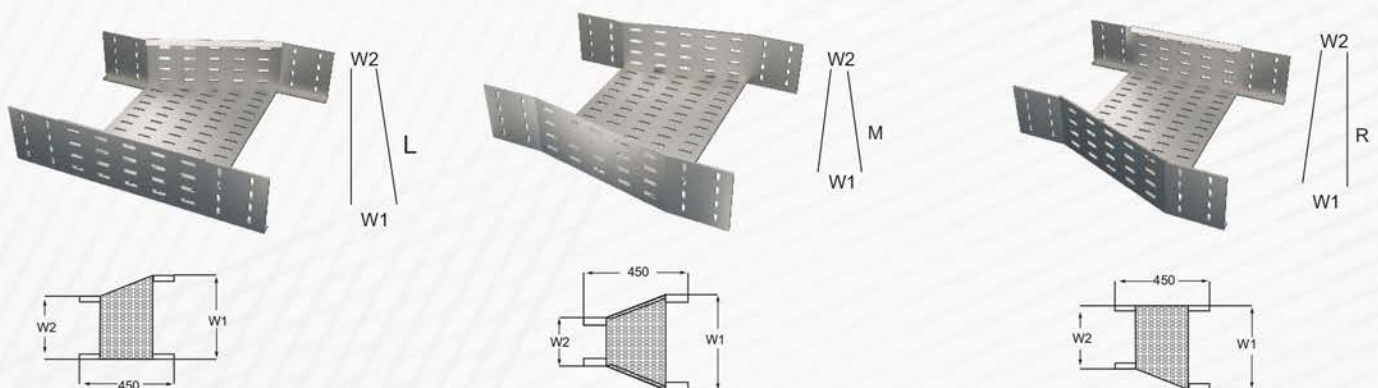
Horizontal elbow 45° Tray Hot dip galvanized snap on flange 300 / 300 × 75 × 1.5 mm R= 250



Standard Cable Tray Reducer Connection



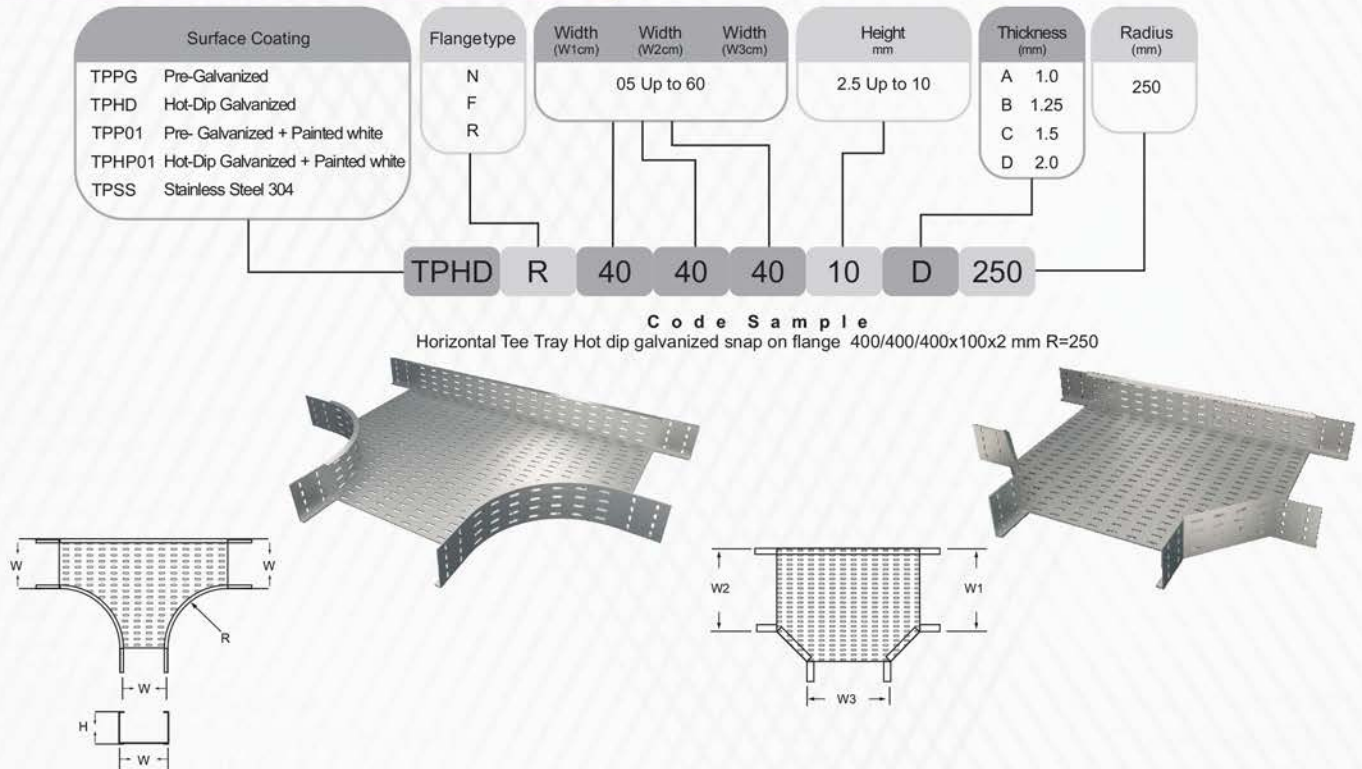
Reducer Right Tray Hot dip galvanized standard flange 300/200x100x1.5 mm



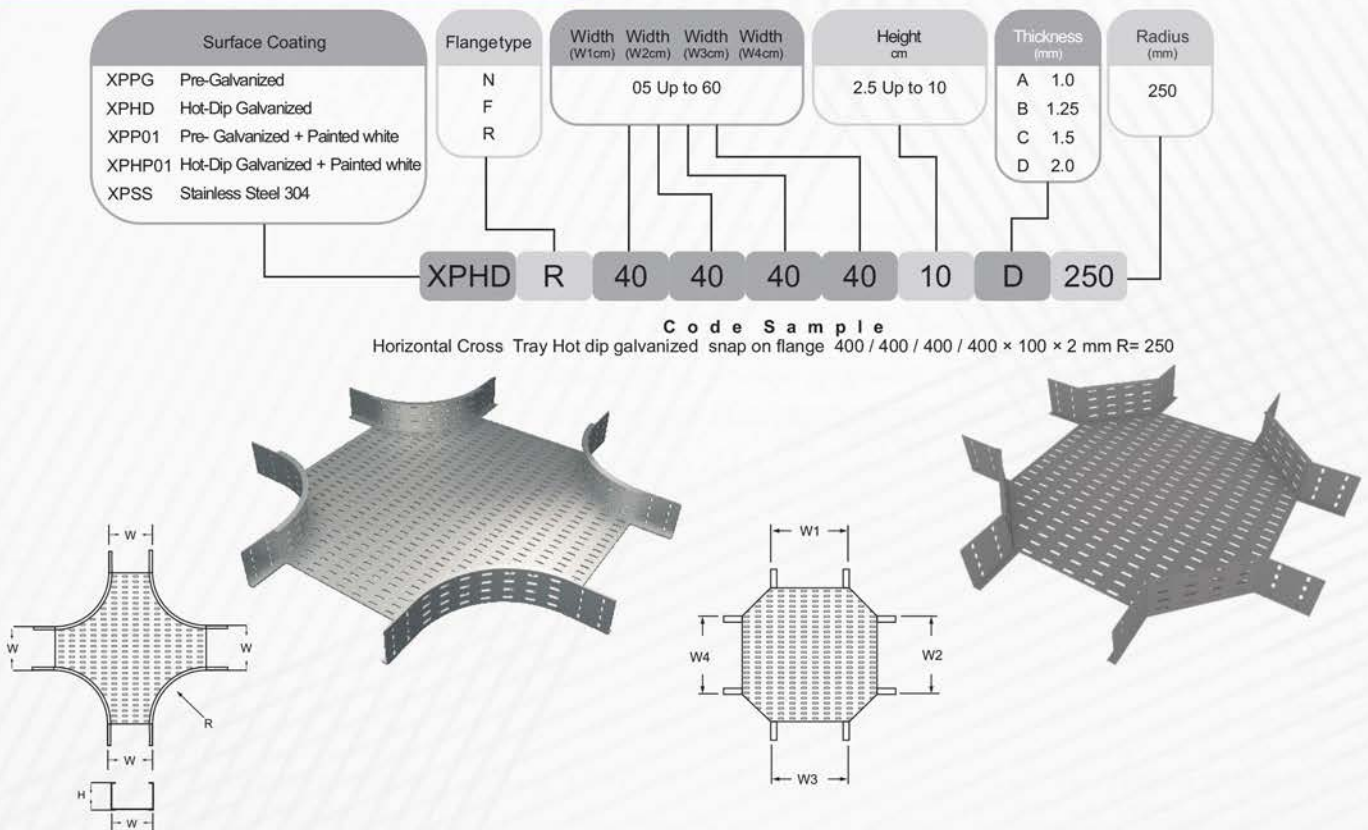
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-For Curved type add (C) in the end of code
-Any further dimension and specs can be arranged on request
-for type R flanged minimum height is 50 mm
-Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
-for any size width must be greater than or equal to height

Standard Cable Tray Horizontal Tee Connection



Standard Cable Tray Horizontal X Connection



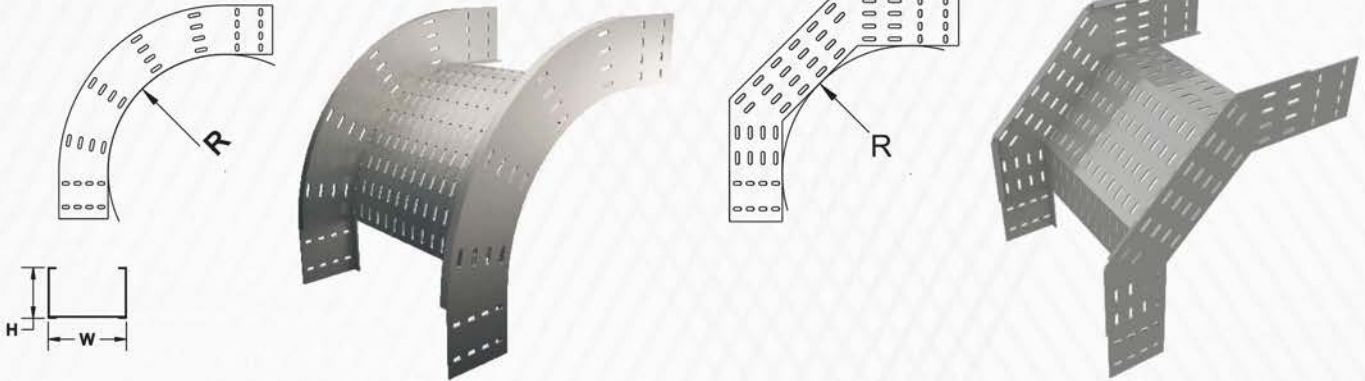
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-For Curved type add (C) in the end of code
-Any further dimension and specs can be arranged on request
-for type R flanged minimum height is 50 mm
-Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
-for any size width must be greater than or equal to height

Cable Tray Faller 90 deg

Surface Coating	Flangetype	Width (cm)	Height (cm)	Thickness (mm)	Radius (mm)
OPPG Pre-Galvanized	N	05 up to 60	2.5 up to 10	A 1.0	250
OPHD Hot-Dip Galvanized	F			B 1.25	
OPP01 Pre-Galvanized + Painted white	R			C 1.5	
OPHP01 Hot-Dip Galvanized + Painted white				D 2.0	
OPSS Stainless Steel 304					

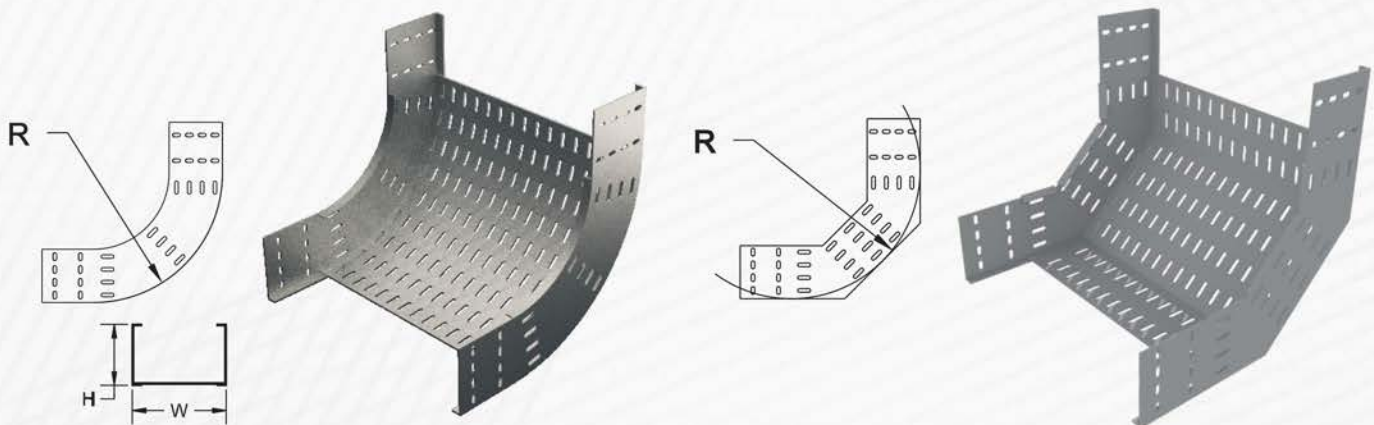
Code Sample
Vertical faller 90° Tray Hot dip galvanized standard flange 200x100x2 mm R=250



Cable Tray Raiser 90 deg.

Surface Coating	Flangetype	Width (cm)	Height (cm)	Thickness (mm)	Radius (mm)
IPPG Pre-Galvanized	N	05 up to 60	2.5 up to 10	A 1.0	250
IPHD Hot-Dip Galvanized	F			B 1.25	
IPP01 Pre-Galvanized + Painted white	R			C 1.5	
IPHP01 Hot-Dip Galvanized + Painted white				D 2.0	
IPSS Stainless Steel 304					

Code Sample
Vertical raiser 90° Tray Hot dip galvanized standard flange 300x100x2 mm R=250



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-For Curved type add (C) in the end of code
-Any further dimension and specs can be arranged upon request
-for type R flanged minimum height is 50 mm
-Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
-for any size width must be greater than or equal to height

CABLE TRUNKS



EL SEWEDY
INDUSTRIES

CABLE TRUNKS

STANDARD CABLE TRUNK DIMENSIONS

STANDARD CABLE TRUNK HORIZONTAL BEND 90° CONNECTION

STANDARD CABLE TRUNK HORIZONTAL BEND 45° CONNECTION

STANDARD CABLE TRUNK REDUCER CONNECTION

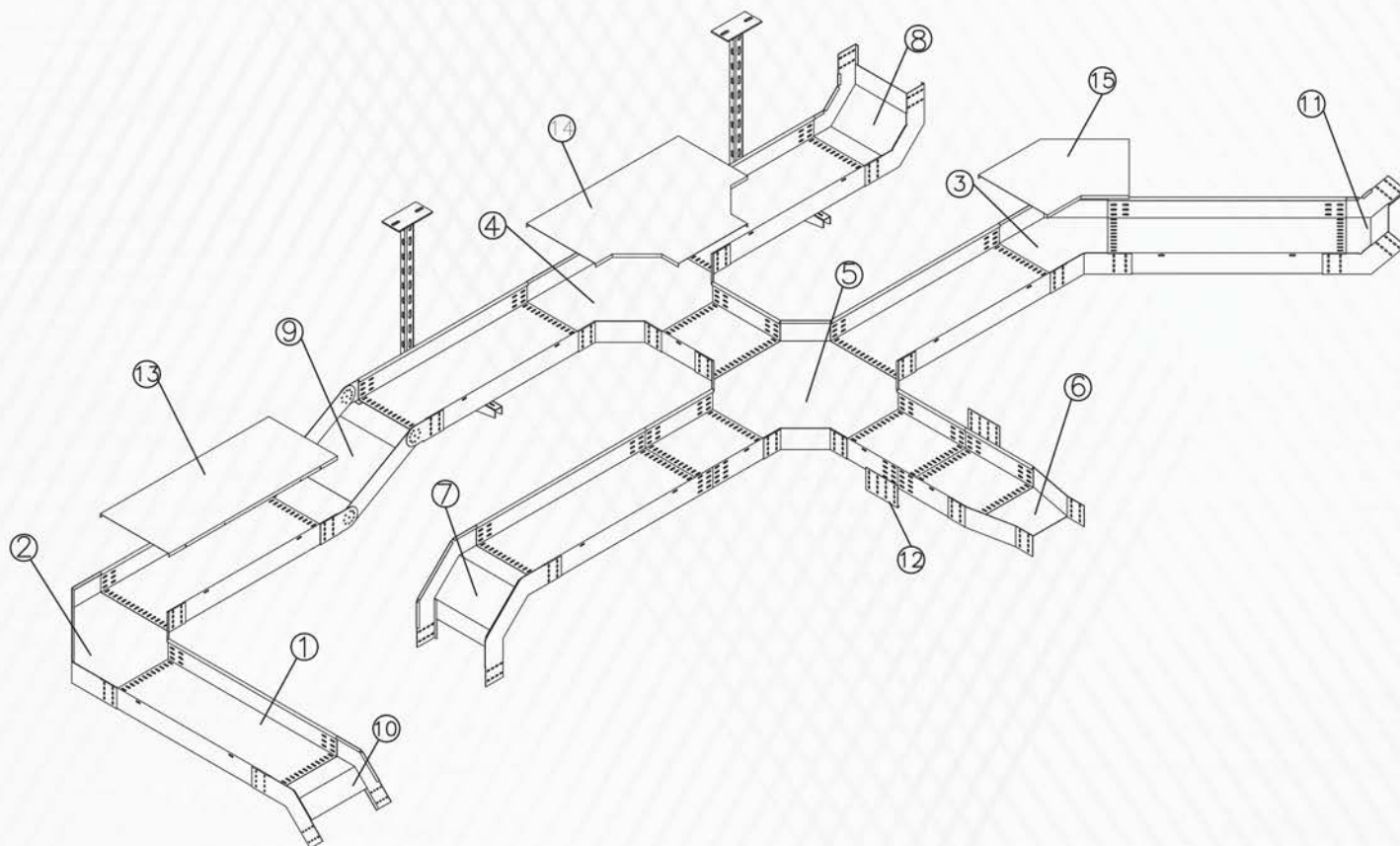
STANDARD CABLE TRUNK HORIZONTAL TEE CONNECTION

STANDARD CABLE TRUNK HORIZONTAL X CONNECTION

CABLE TRUNK FALLER

CABLE TRUNK RAISER

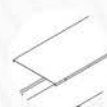
CABLE TUNKS SYSTEM



1- Cable Trunk



7- Vertical faller 90°



13- Straight Cover



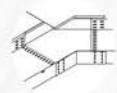
2- Horizontal L90°



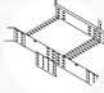
8- Vertical raiser 90°



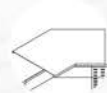
14- Tee Cover



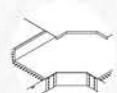
3- Horizontal L45°



12- Straight connector



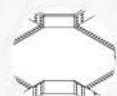
15- L45° Cover



4- Horizontal tee



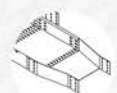
10- Vertical faller 45°



5- Horizontal cross



11- Vertical raiser 45°



6- Middle reducer

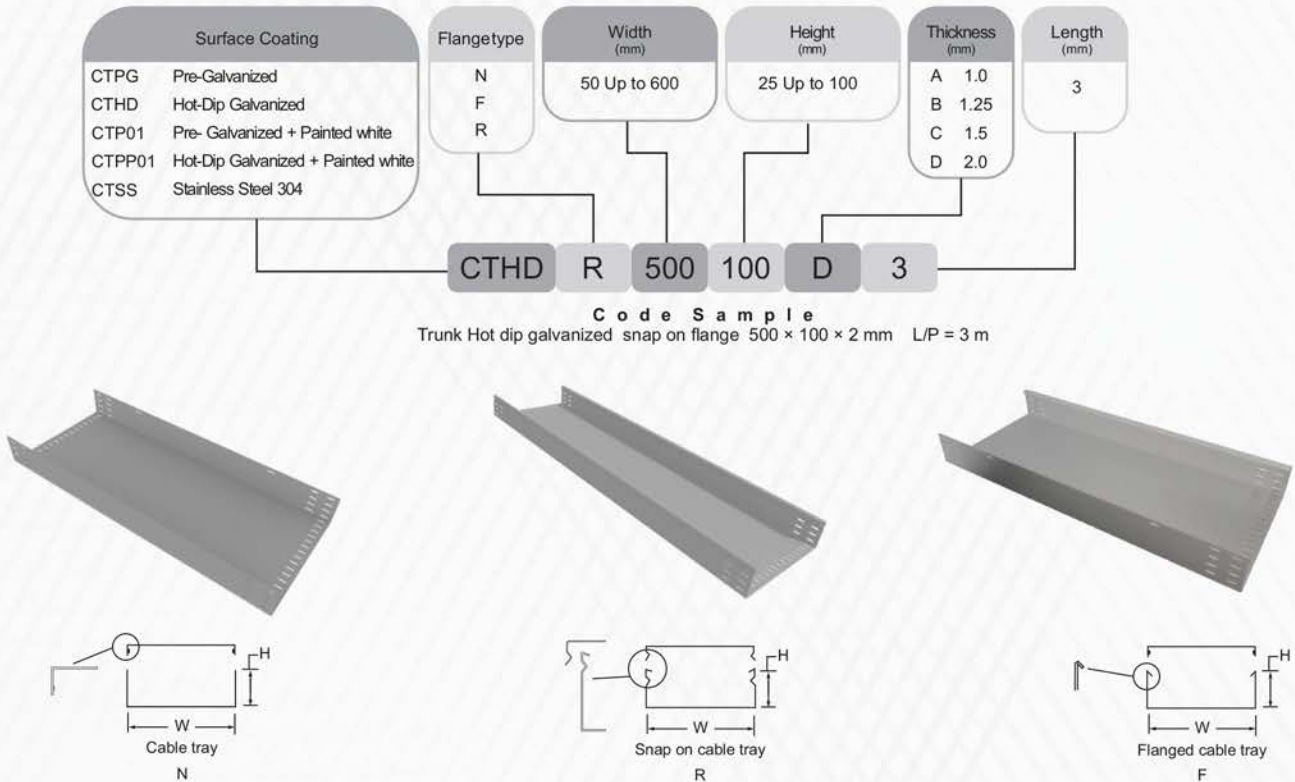


9- Vertical adjustable bend element

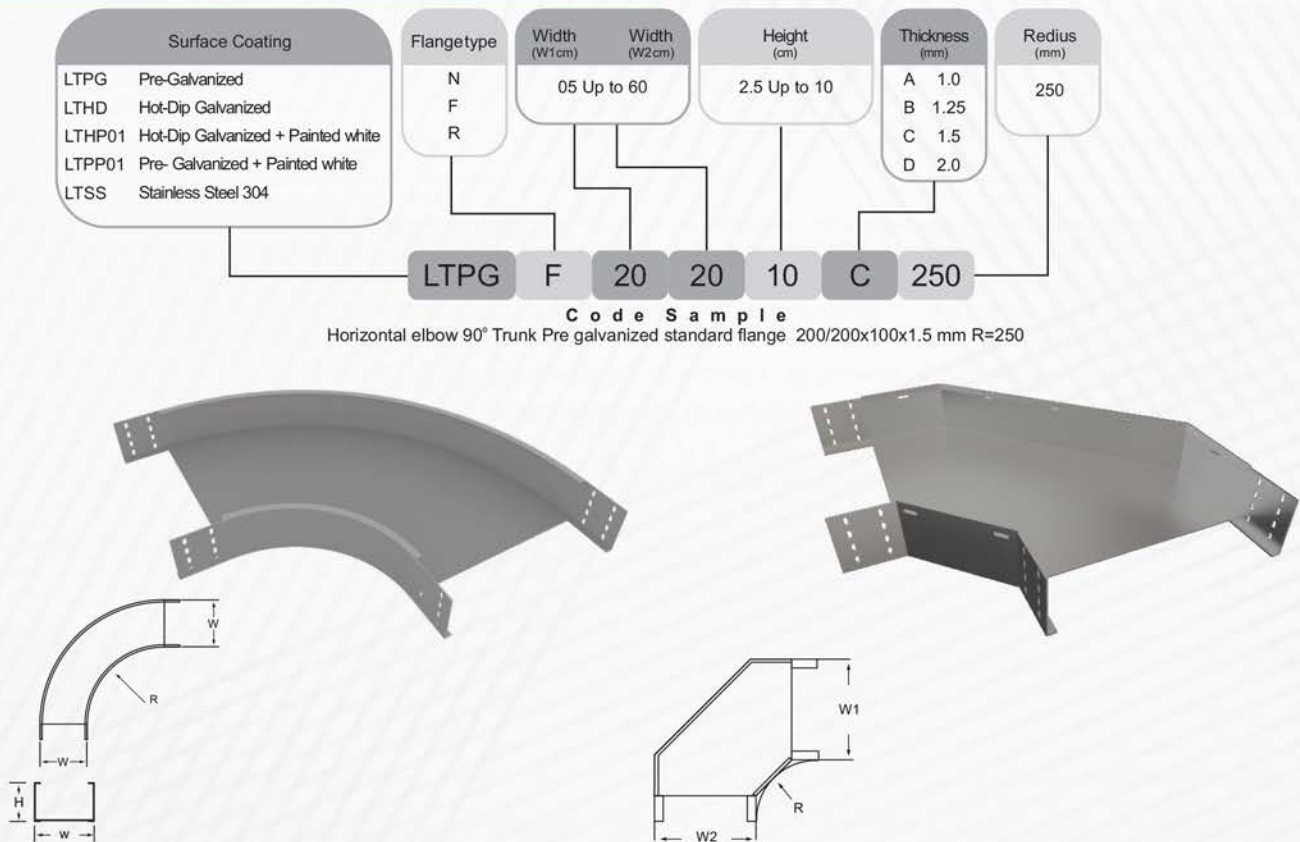
Cable Trunks | Standard Cable Trunk Dimensions

Standard Cable Trunk Horizontal Bend 90° Connection

Standard Cable Trunk Dimensions



Standard Cable Trunk Horizontal Bend 90° Connection



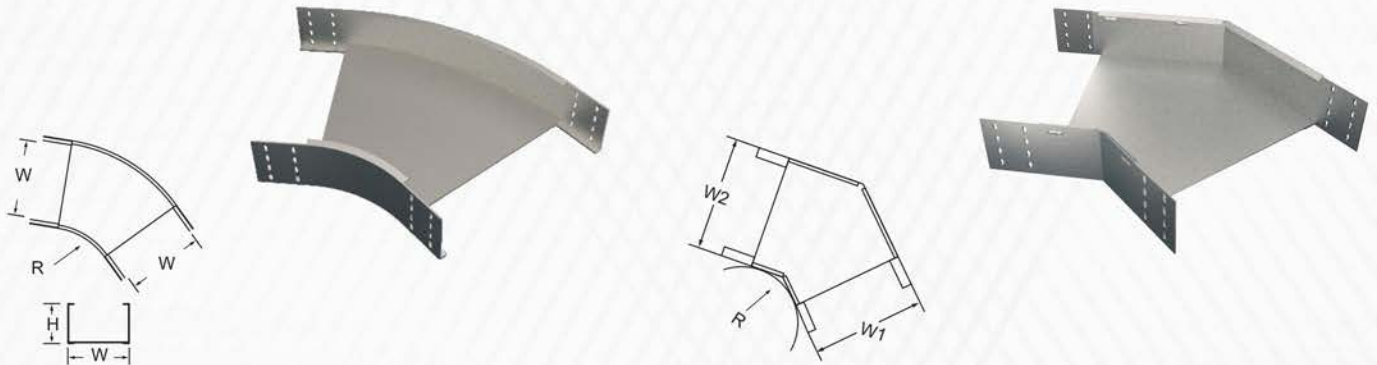
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
 -For Curved type add (C) in the end of code
 -Any further dimension and specs can be arranged on request
 -for type R flanged minimum height is 50 mm
 -Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
 -for any size width must be greater than or equal to height

Standard Cable Trunk Horizontal Bend 45° Connection

Surface Coating	Flange type	Width (W1cm)	Width (W2cm)	Height (cm)	Thickness (mm)	Radius (mm)
VTPG Pre-Galvanized	N	05 Up to 60		2.5 Up to 10	A 1.0	250
VTHD Hot-Dip Galvanized	F				B 1.25	
VTHP01 Hot-Dip Galvanized + Painted white	R				C 1.5	
VTPP01 Pre-Galvanized + Painted white					D 2.0	
VTSS Stainless Steel 304						

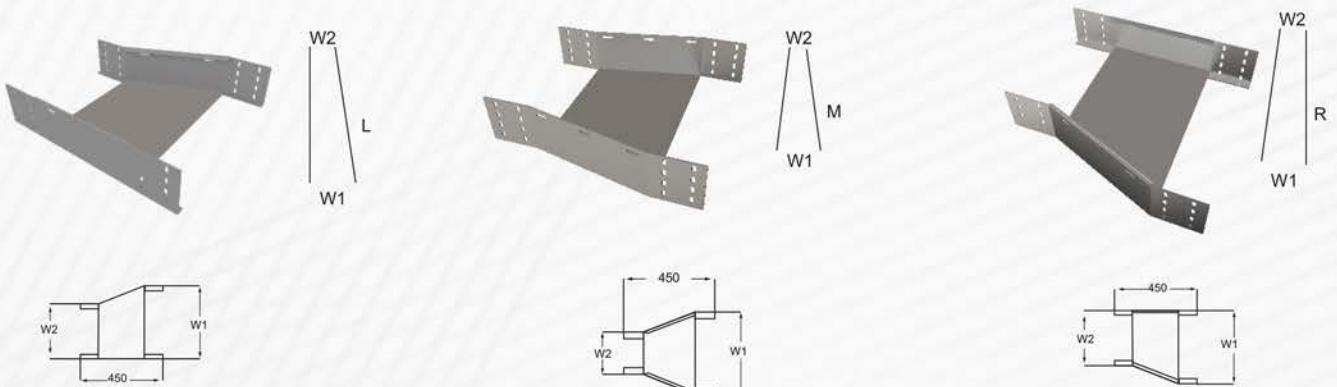
Code Sample
Horizontal elbow 45° Trunk Pre galvanized standard flange 200/200x80x2 mm R=250



Standard Cable Trunk Reducer Connection

Surface Coating	Flange type	Width (W1cm)	Width (W2cm)	Height (mm)	Thickness (mm)	Direction
RTPG Pre-Galvanized	N	05 Up to 60		2.5 Up to 10	A 1.0	L
RTHD Hot-Dip Galvanized	F				B 1.25	R
RTP01 Pre-Galvanized + Painted white	R				C 1.5	M
RTPP01 Hot-Dip Galvanized + Painted white					D 2.0	
RTSS Stainless Steel 304						

Code Sample
Reducer Middle Trunk Pre. galvanized standard flange 200 / 100 x 100 x 1.5 mm



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

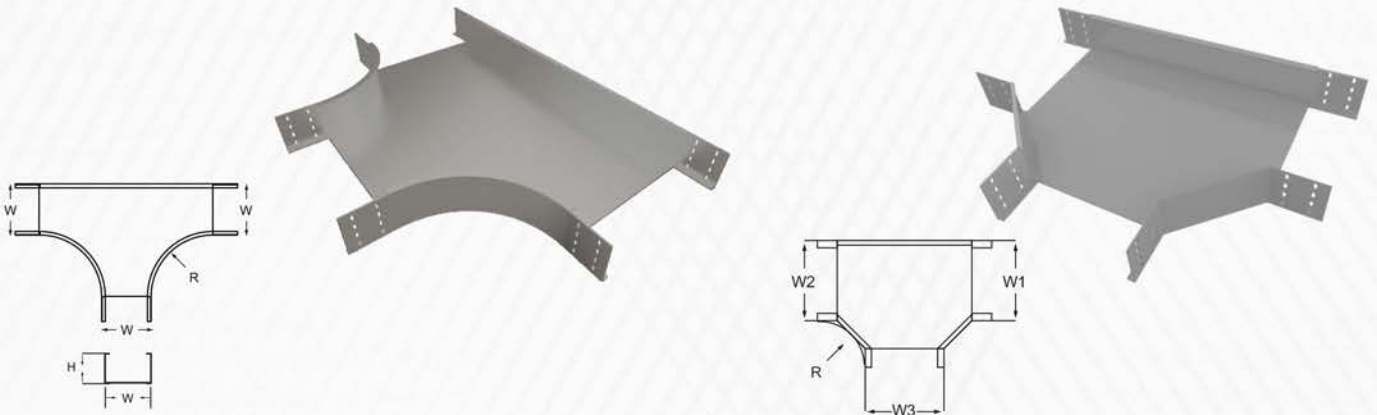
-Any other values of Radius can be arranged upon request
-For Curved type add (C) in the end of code
-Any further dimension and specs can be arranged on request
-for type R flanged minimum height is 50 mm
-Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
-for any size width must be greater than or equal to height

Standard Cable Trunk Horizontal Tee Connection

Surface Coating		Flangetype	Width (W1cm)	Width (W2cm)	Width (W3cm)	Height (cm)	Thickness (mm)	Radius (mm)	
TTPG	Pre-Galvanized	N	05 Up to 60			2.5 Up to 10	A 1.0	250	
TTHD	Hot-Dip Galvanized	F					B 1.25		
TPHP01	Pre- Galvanized + Painted white	R					C 1.5		
TTPP01	Hot-Dip Galvanized + Painted white						D 2.0		
TTSS	Stainless Steel 304								

TTHD	R	20	20	20	7.5	C	250
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Code Sample
Horizontal Tee Trunk Hot dip galvanized snap on flange 200/200/200x75x1.5 mm R=250

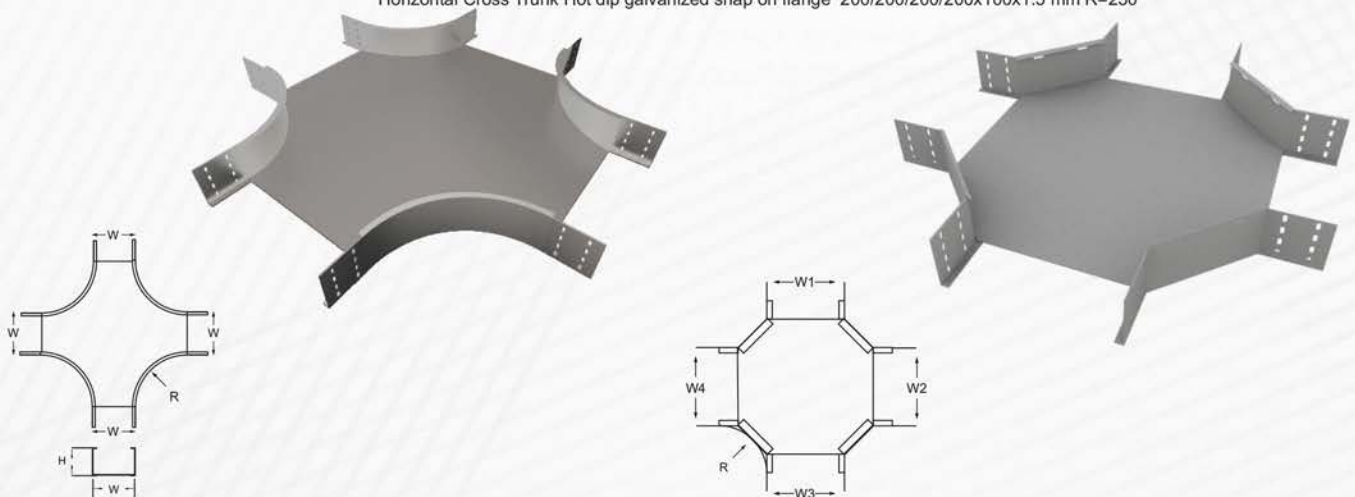


Standard Cable Trunk Horizontal X Connection

Surface Coating		Flangetype	Width (W1cm)	Width (W2cm)	Width (W3cm)	Width (W4cm)	Height (cm)	Thickness (mm)	Radius (mm)	
XTPG	Pre-Galvanized	N	05 Up to 60				2.5 Up to 10	A 1.0	250	
XTHD	Hot-Dip Galvanized	F						B 1.25		
XTP01	Pre- Galvanized + Painted white	R						C 1.5		
XTPP01	Hot-Dip Galvanized + Painted white							D 2.0		
XTSS	Stainless Steel 304									

XTHD	R	20	20	20	20	10	C	250
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Code Sample
Horizontal Cross Trunk Hot dip galvanized snap on flange 200/200/200/200x100x1.5 mm R=250



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-For Curved type add (C) in the end of code
-Any further dimension and specs can be arranged on request
-for type R flanged minimum height is 50 mm
-Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
-for any size width must be greater than or equal to height

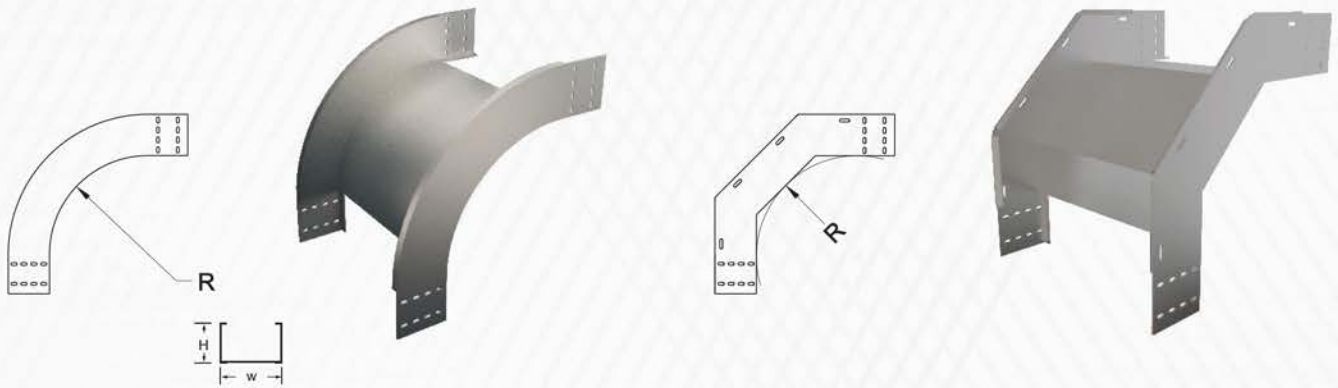
Cable Trunk Faller

Surface Coating	Flangetype	Width (cm)	Height (cm)	Thickness (mm)	Radius (mm)
OTPG Pre-Galvanized	N	05 Up to 60	2.5 Up to 10	A 1.0	250
OTHD Hot-Dip Galvanized	F			B 1.25	
OTPP01 Pre-Galvanized + Painted white	R			C 1.5	
OTPP01 Hot-Dip Galvanized + Painted white				D 2.0	
OTSS Stainless Steel 304					

OTHD F 20 10 D 250

Code Sample

Vertical faller 90° Trunk Hot dip galvanized standard flange 200x100x2 mm R=250



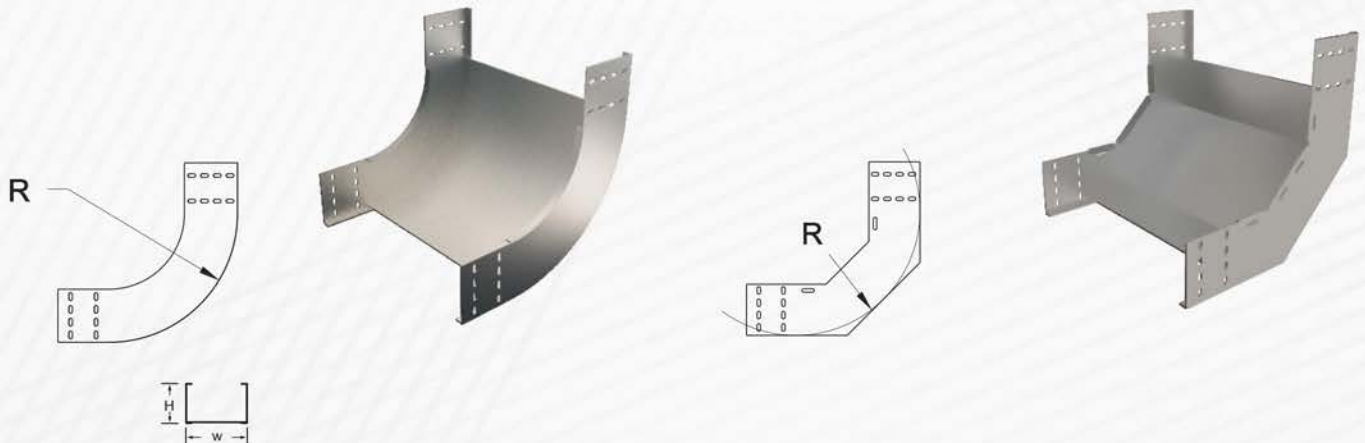
Cable Trunk Raiser

Type	Surface Coating	Flangetype	Width (cm)	Height (cm)	Thickness (mm)	Radius (mm)
ITPG Pre-Galvanized		N	05 Up to 60	2.5 Up to 10	A 1.0	250
ITHD Hot-Dip Galvanized		F			B 1.25	
ITPP01 Pre-Galvanized + Painted white		R			C 1.5	
ITPP01 Hot-Dip Galvanized + Painted white					D 2.0	
ITSS Stainless Steel 304						

ITHD R 15 10 D 250

Code Sample

Vertical raiser 90° Tunk pre galvanized snap on flange 150x100x2 mm R=250



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-For Curved type add (C) in the end of code
-Any further dimension and specs can be arranged on request
-for type R flanged minimum height is 50 mm
-Thickness 1.25mm is minimum recommended for Hot-Dip galvanized
-for any size width must be greater than or equal to height

CABLE LADDERS



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CABLE LADDERS

STANDARD CABLE LADDER DIMENSIONS

STANDARD CABLE LADDER HORIZONTAL BEND 90° CONNECTION

STANDARD CABLE LADDER BEND 45° CONNECTION

STANDARD CABLE LADDER REDUCER

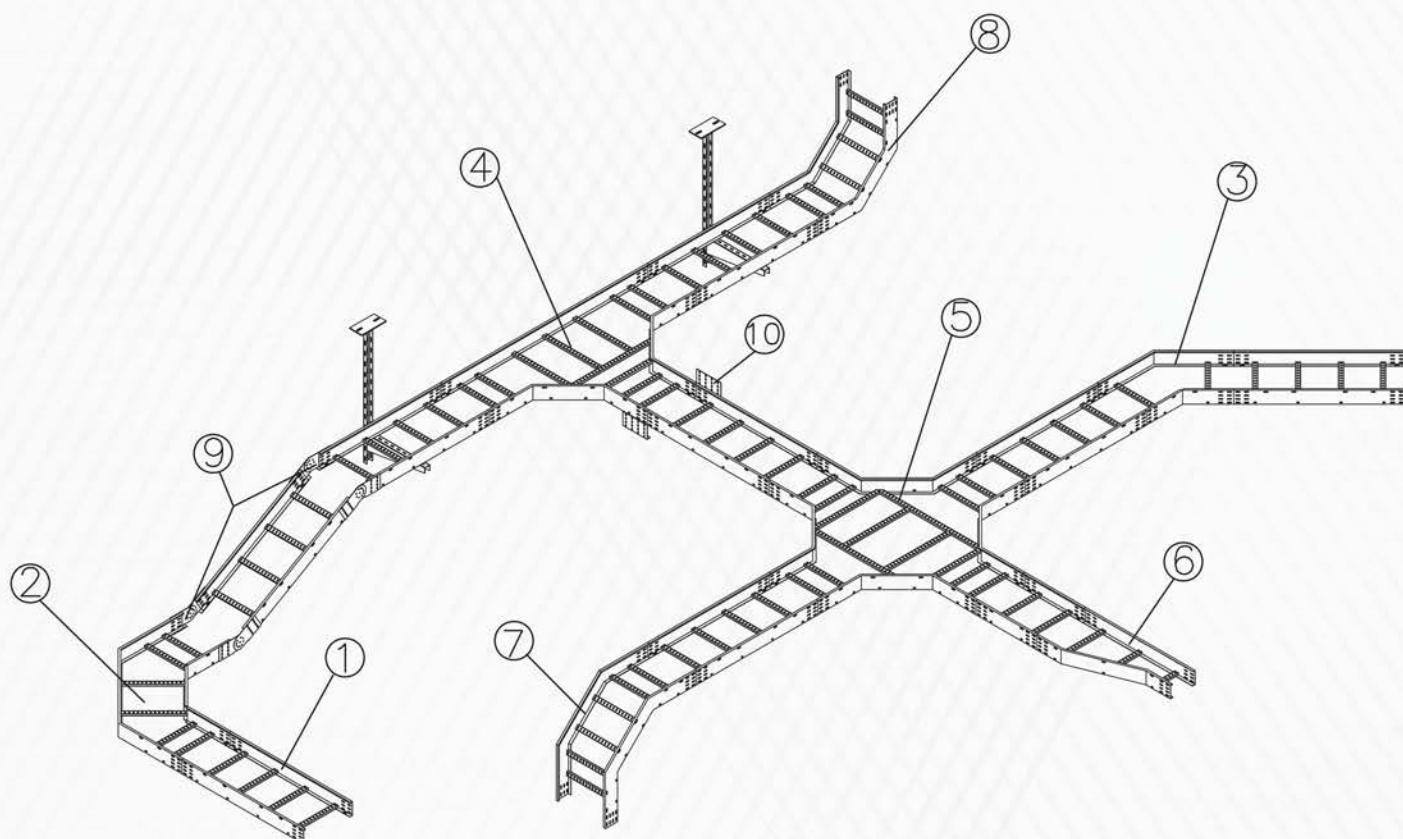
STANDARD CABLE LADDER T

STANDARD CABLE LADDER X

STANDARD CABLE LADDER VERTICAL FALLER

STANDARD CABLE LADDER VERTICAL RISER

CABLE LADDERS SYSTEM



1- Cable Ladder



7- Vertical faller 90°



2- Horizontal L90°



8- Vertical raiser 90°



3- Horizontal L45°



9- Vertical Connector



4- Horizontal tee



10- Straight connector



5- Horizontal cross



6- Left reducer

Cable Ladders

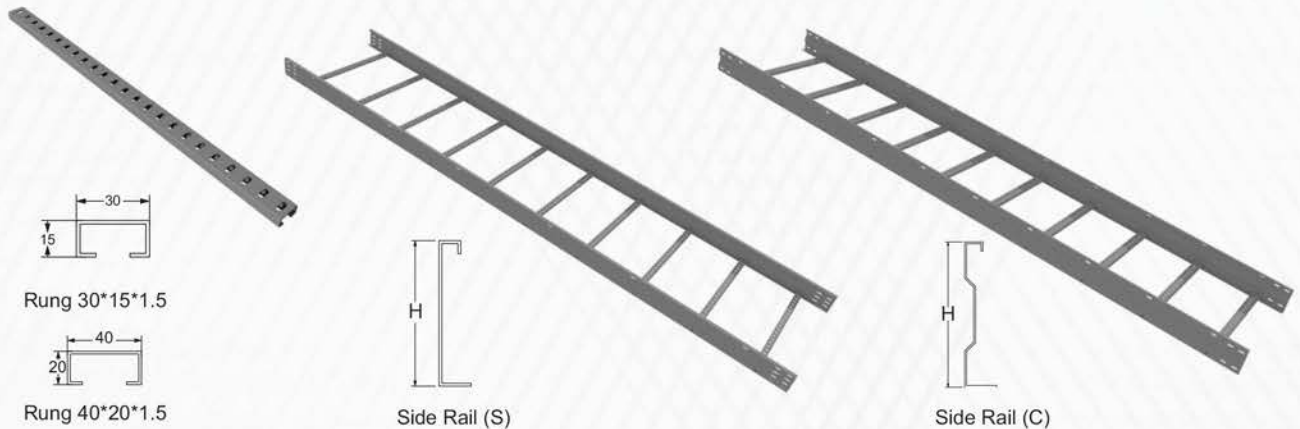
Standard Cable Ladder Dimensions

Standard Cable Ladder Horizontal Bend 90° Connection

Standard Cable Ladder Dimensions

Surface Coating	Type	Width (mm)	Height (mm)	Thickness* (mm)	Rung Size* (mm)	Rung Step* (mm)
CLHD Hot-Dip Galvanized	S	100 Up to 1000	75 Up to 150	D : 2 mm	30*15*1.5	300
CLPP01 Pre- Galvanized + Painted white	C				40*18*1.5	
CLHP01 Hot-Dip Galvanized + Painted white						
CLSS Stainless Steel 304						

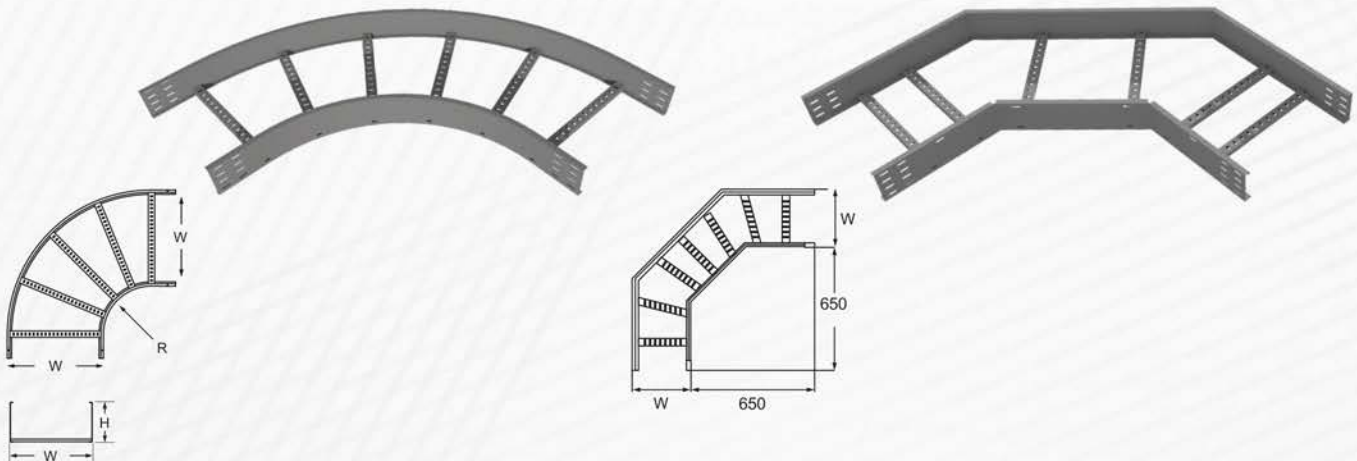
Code Sample
Cable Ladder Hot dip galvanized 400 × 100 × 2mm L/P = 3 m , Rung 30 × 15× 1.5 mm Pitch 300



Standard Cable Ladder Horizontal Bend 90° Connection

Surface Coating	Type	Width (W1cm)	Width (W2cm)	Height (cm)	Thickness (cm)	Rung Size* (mm)	Rung Step* (mm)	Radius* (mm)
LLHD Hot-Dip Galvanized	S	10 Up to 100		7.5 Up to 15	D : 2 mm	30*15*1.5	300	500
LLPP01 Pre- Galvanized + Painted white	C					40*20*1.5		
LLHP01 Hot-Dip Galvanized + Painted white								
LLSS Stainless Steel 304								

Code Sample
Horizontal elbow 90° cable Ladder Hot dip galvanized 400 / 400 × 100 × 2 mm -Rang 30 × 15 × 1.5 mm P= 300 R= 500



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-Any other values of Rung size can be arranged upon request
-Any other values of Rung step can be arranged upon request
-Different Values of widths can be arranged upon request
-For Curved type add (C) in the end of code
-For any size , width must be greater than or equal the height

Cable Ladders

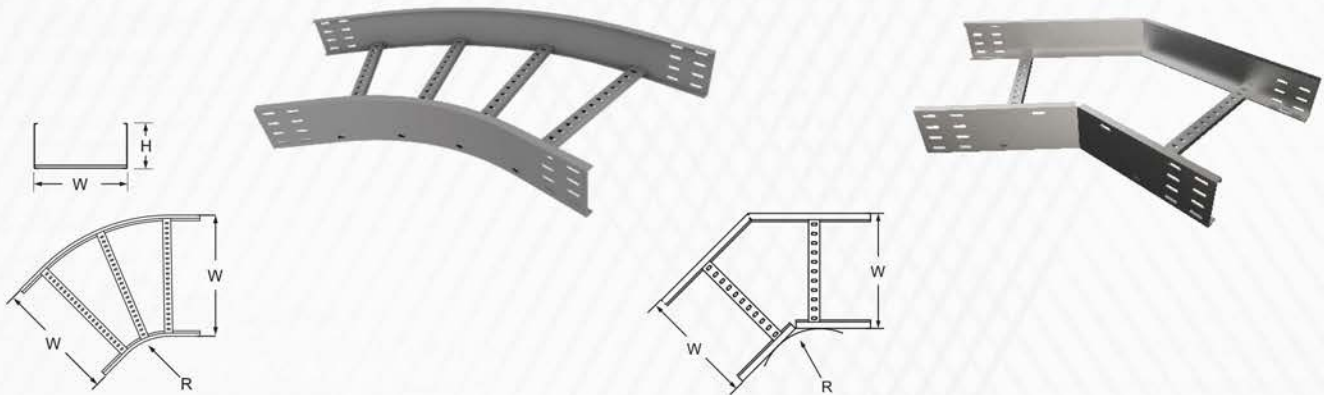
Standard Cable Ladder Bend 45° Connection
Standard Cable Ladder Reducer

Standard Cable Ladder Bend 45° Connection

Surface Coating	Type	Width (W1cm)	Width (W2cm)	Height cm	Thickness	Rung Size* (mm)	Rung Step* (mm)	Radius* (mm)
VLHD Hot-Dip Galvanized	S	10 Up to 100		7.5 Up to 15	D : 2 mm	30*15*1.5	300	500
VLPP01 Pre- Galvanized + Painted white	C					40*20*1.5		
VLHP01 Hot-Dip Galvanized + Painted white								
VLSS Stainless Steel 304								
VLHD	S	20	20	15	D	30 15 C	300	500

Code Sample

Horizontal elbow 45° cable Ladder Hot dip galvanized 200 / 200 × 150 × 2 mm -Rang 30 × 15 × 1.5 mm P= 300 R= 500

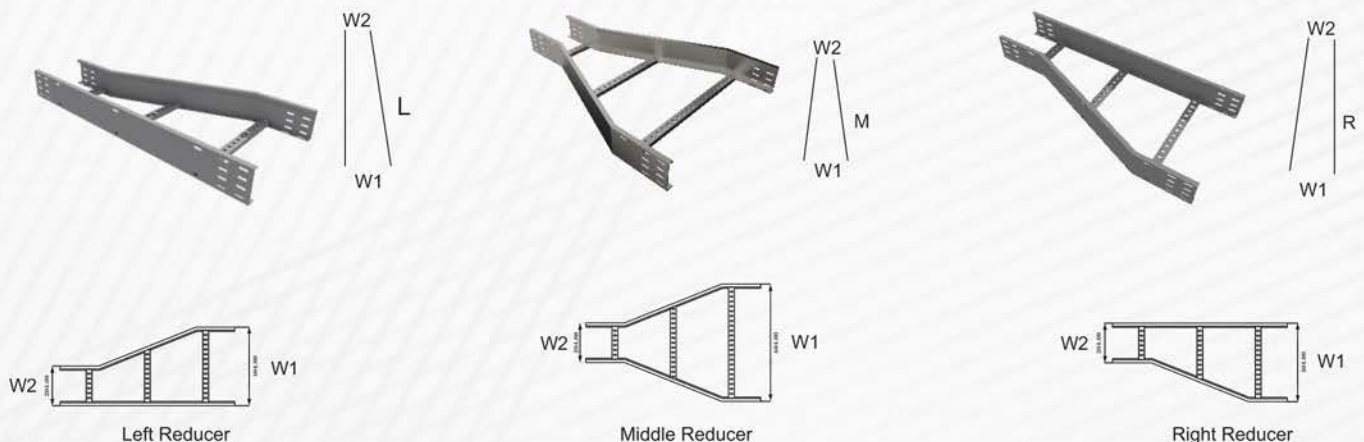


Standard Cable Ladder Reducer

Surface Coating	Type	Width (W1cm)	Width (W2cm)	Height cm	Thickness	Rung Size* (mm)	Rung Step* (mm)	Direction
RLHD Hot-Dip Galvanized	S	10 Up to 100		7.5 Up to 15	D : 2 mm	30*15*1.5	300	L:Left
RLPP01 Pre- Galvanized + Painted white	C					40*18*1.5		R:Right
RLHP01 Hot-Dip Galvanized + Painted white								M:Middle
RLSS Stainless Steel 304								
RLHD	S	40	20	10	D	30 15 C	300	M

Code Sample

Reducer Middle cable ladder Hot dip galvanized 400/200x100x2mm-Rang 30x15x1.5mm P=300



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-Any other values of Rung size can be arranged upon request
-Any other values of Rung step can be arranged upon request
-Different Values of widths can be arranged upon request
-For Curved type add (C) in the end of code
-For any size width must be greater than height

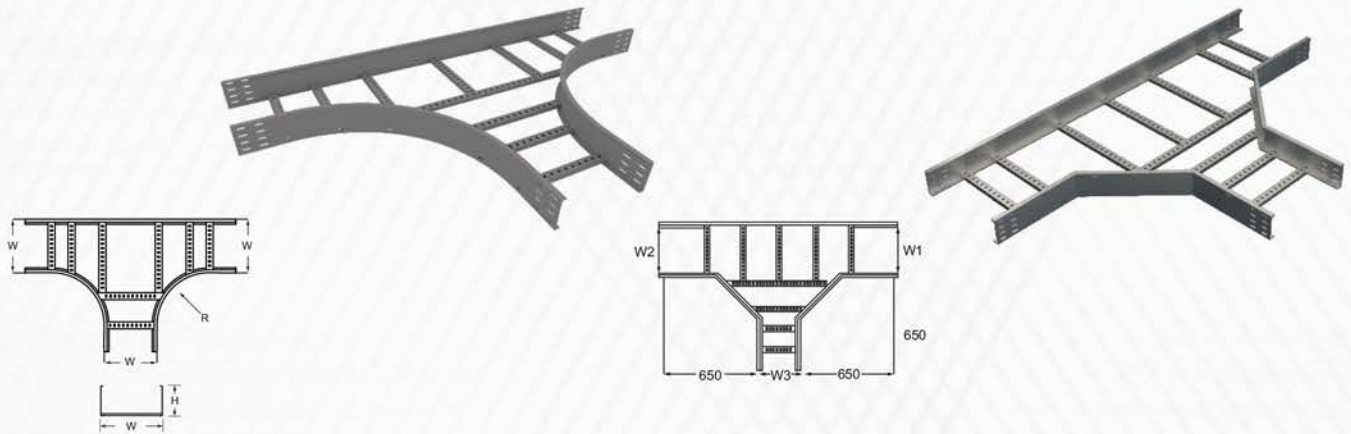
Cable Ladders

Standard Cable Ladder T
Standard Cable Ladder X

Standard Cable Ladder T

Surface Coating	Type	Width (W1cm)	Width (W2cm)	Width (W3cm)	Height cm	Thickness	Rung Size* (mm)	Rung Step* (mm)	Raduis* (mm)
TLHD Hot-Dip Galvanized	S	10 Up to 100			7.5 Up to 15	D : 2 mm	30*15*1.5 40*20*1.5	300	500
TLPP01 Pre- Galvanized + Painted white	C								
TLHP01 Hot-Dip Galvanized + Painted white									
TLSS Stainless Steel 304									

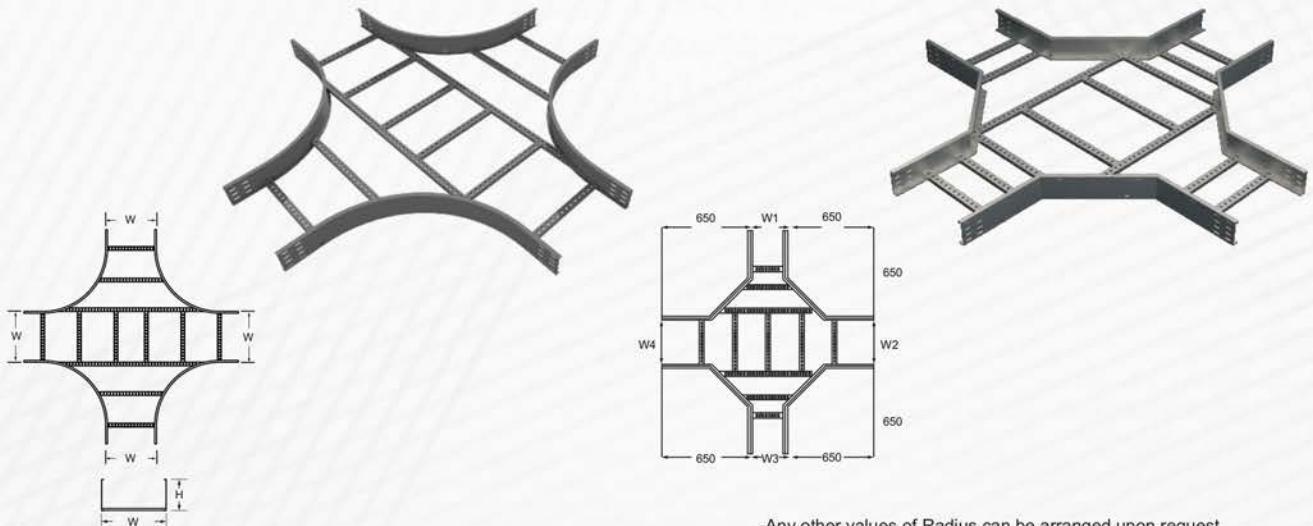
Code Sample
Horizontal Tee cable ladder stainless steel-304 correlated 300/300/300x120x2mm-Rang400x18x1.5mm P=300 R=500



Standard Cable Ladder X

Surface Coating	Type	Width (W1cm)	Width (W2cm)	Width (W3cm)	Width (W4cm)	Height cm	Thickness	Rung Size* (mm)	Rung Step* (mm)	Raduis* (mm)
XLHD Hot-Dip Galvanized	S	10 Up to 100				7.5 Up to 15	D : 2 mm	30*15*1.5 40*20*1.5	300	500
XLPP01 Pre- Galvanized + Painted white	C									
XLHP01 Hot-Dip Galvanized + Painted white										
XLSS Stainless Steel 304										

Code Sample
Horizontal Cross cable ladder Hot dip galvanized 200/200/200/200x100x2mm-Rang30x15x1.5mm P=300 R=500



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-Any other values of Rung size can be arranged upon request
-Any other values of Rung step can be arranged upon request
-Different Values of widths can be arranged upon request
-For Curved type add (C) in the end of code
-For any size width must be greater than or equal the height

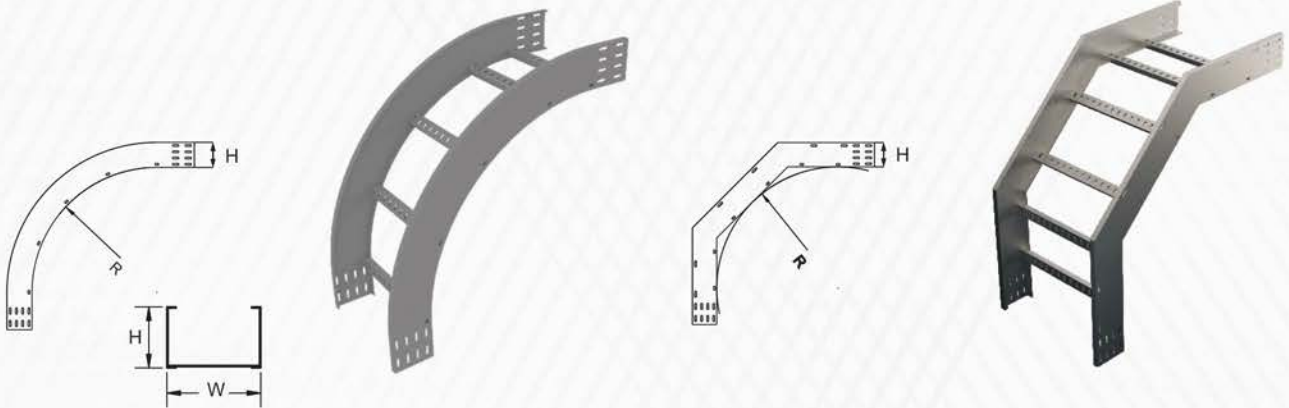
Cable Ladders

Standard Cable Ladder Vertical Faller 90°
Standard Cable Ladder Vertical Riser 90°

Standard Cable Ladder Vertical Faller 90°

Surface Coating	Type	Width (cm)	Height (cm)	Thickness* (mm)	Rung Size* (mm)	Rung Step* (mm)	Radius* (mm)
OLHD Hot-Dip Galvanized	S	10 Up to 100	7.5 Up to 15	D : 2 mm	30*15*1.5	300	500
OLPP01 Pre- Galvanized + Painted white	C				40*20*1.5		
OLHP01 Hot-Dip Galvanized + Painted white							
OLSS Stainless Steel 304							

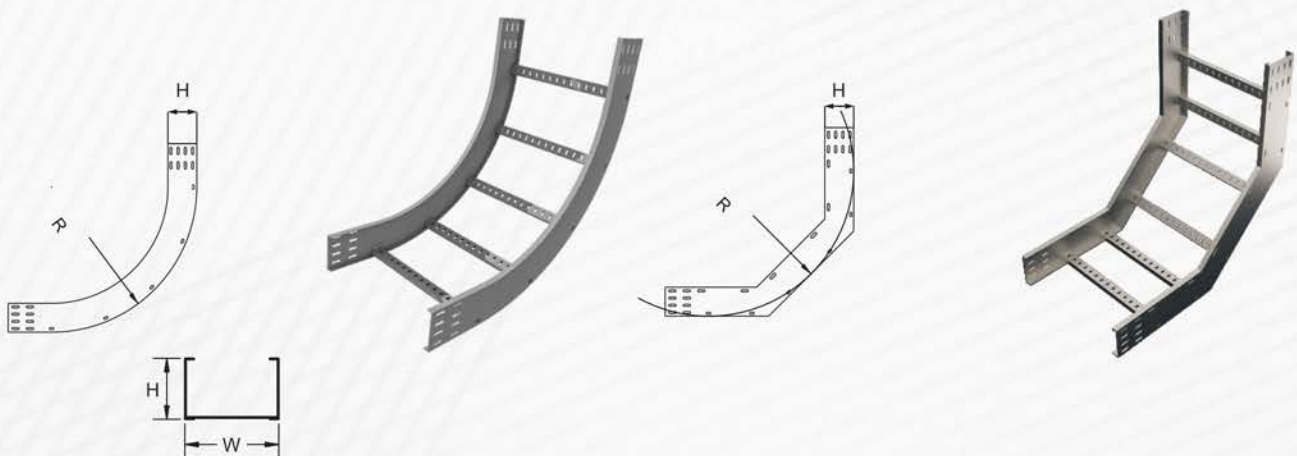
Code Sample
Vertical faller 90° cable Ladder Hot dip galvanized 300 × 100 × 2 mm -Rang 40 × 20 × 1.5 mm P= 300 R= 500



Standard Cable Ladder Vertical Riser 90°

Surface Coating	Type	Width (cm)	Height (cm)	Thickness* (mm)	Rung Size* (mm)	Rung Step* (mm)	Radius* (mm)
ILHD Hot-Dip Galvanized	S	10 Up to 100	7.5 Up to 15	D : 2 mm	30*15*1.5	300	500
ILPP01 Pre- Galvanized + Painted white	C				40*20*1.5		
ILHP01 Hot-Dip Galvanized + Painted white							
ILSS Stainless Steel 304							

Code Sample
Vertical raiser 90° cable Ladder Hot dip galvanized 400 × 100 × 2 mm -Rang 30 × 15 × 1.5 mm P= 300 R= 500



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

-Any other values of Radius can be arranged upon request
-Any other values of Rung size can be arranged upon request
-Any other values of Rung step can be arranged upon request
-Different Values of widths can be arranged upon request
-For Curved type add (C) in the end of code
-For any size width must be greater than or equal the height

CABLE TRAY SUPPORT SYSTEMS



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INDUSTRIES

CABLE TRAY SUPPORT SYSTEMS

U SUPPORT

U SUPPORT BRACKET (WALL BRACKET)

U SUPPORT HEAD PLATE

I SUPPORT

I SUPPORT BRACKET

I SUPPORT ACCESSORIES

EDF SUPPORT

EDF SUPPORT BRACKET

C CHANNEL SUPPORT

C CHANNEL WITH PLATE

C CHANNEL ACCESSORIES

KZ SUPPORT

KZ SUPPORT BRACKET

KZ SUPPORT ACCESSORIES

CEILING MOUNTING

COVERS

STRAIGHT COVER

VENTILATED STRAIGHT COVER

COVER CLAMP OMEGA SHAPE

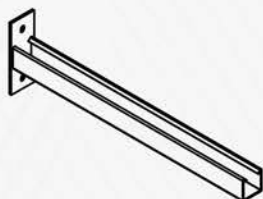
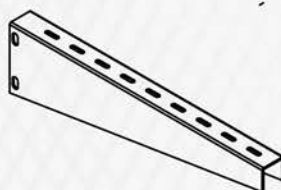
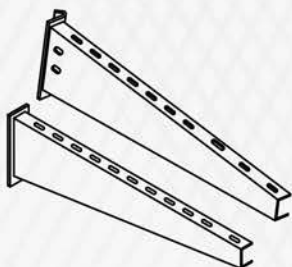
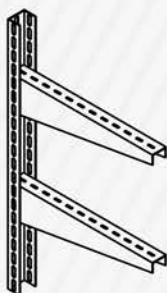
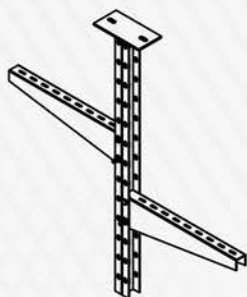
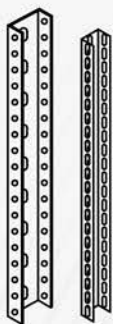
COVERS CLAMP C SHAPE

COVERS FOR CABLE FOR CABLE TRAYS/TRUNKS FITTING

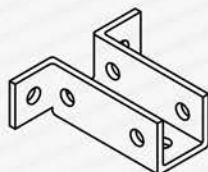
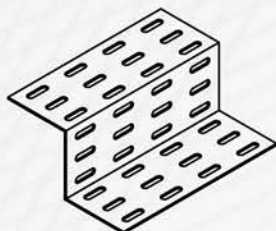
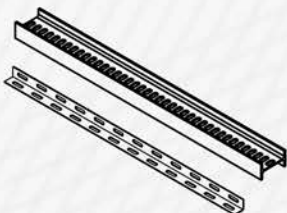
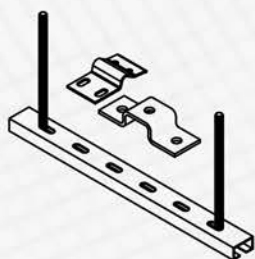
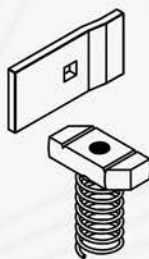
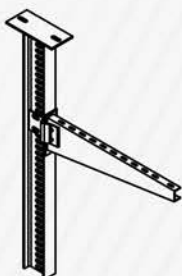
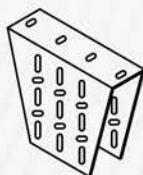
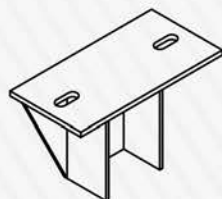
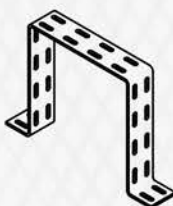
COVERS FOR CABLE FOR CABLE LADDER FITTING

CONNECTORS

SUPPORT PROFILES



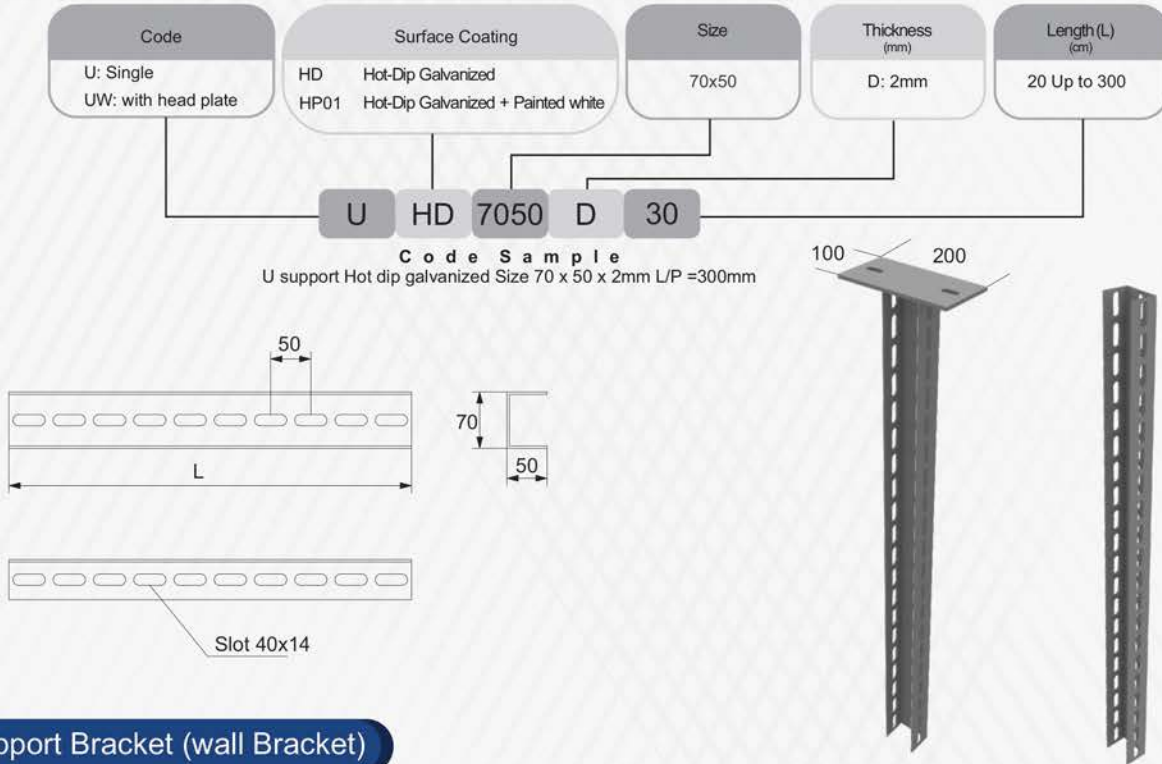
SUPPORT SYSTEM



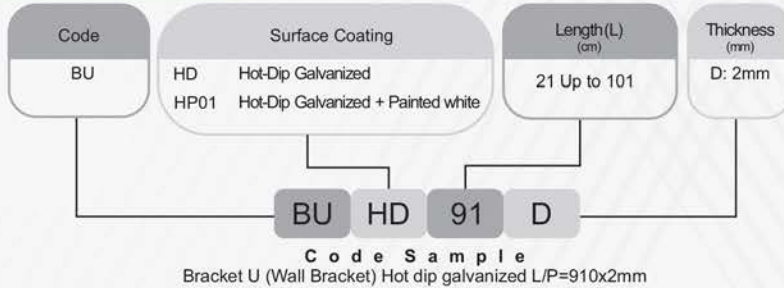
Cable Tray Support System

U Support
U Support Bracket (wall Bracket)
U Support Head plate

U Support

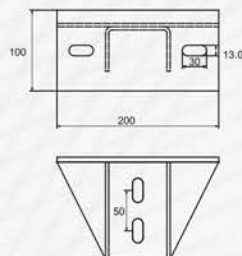


U Support Bracket (wall Bracket)



U support Head plate

Code: HPU7050HD-H.duty



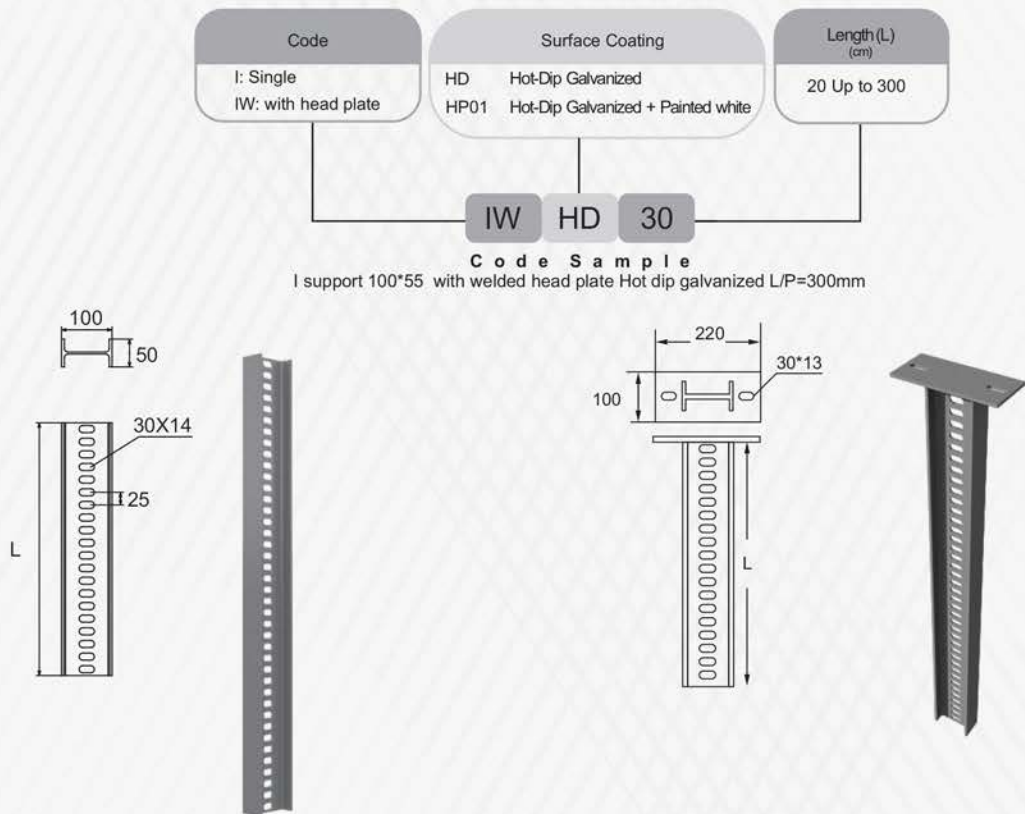
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

Any further dimension and specs can be arranged request
- For U support With head plate maximum length 200cm.
- U support bracket system can be used as wall mounted support
- any other dimension can be arranged upon request

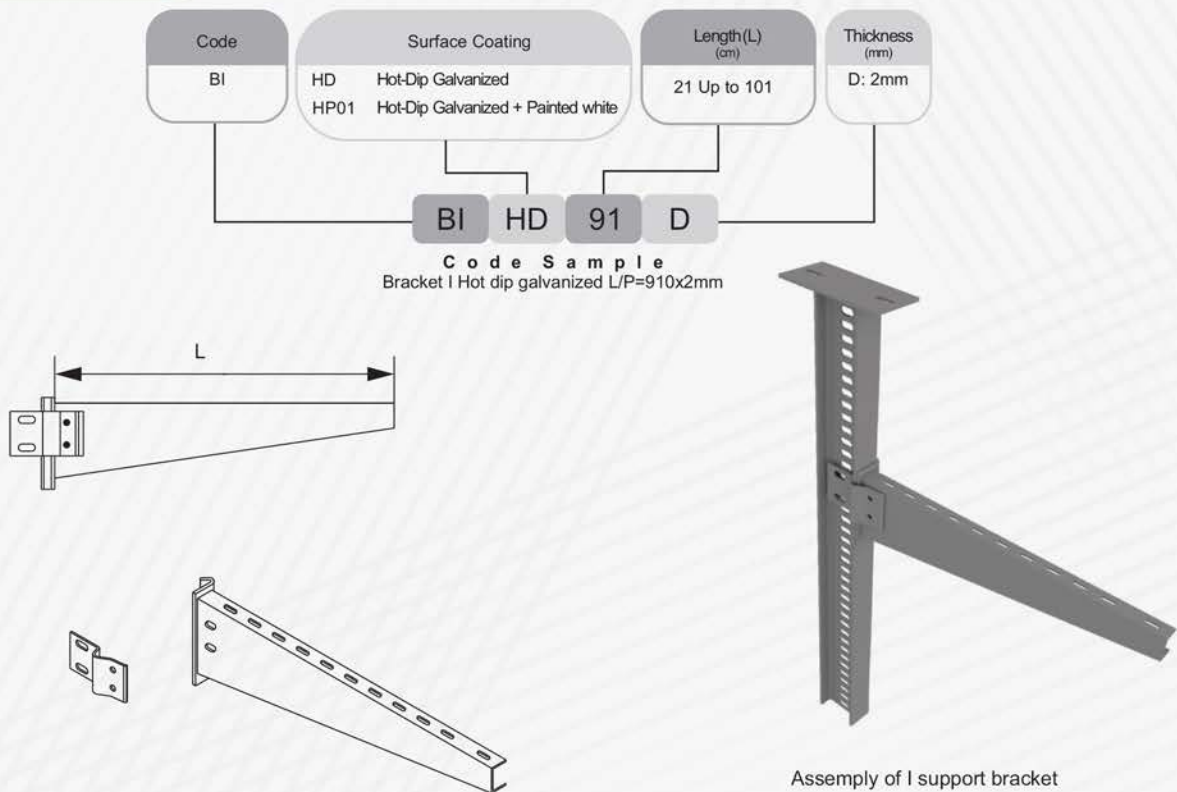
Cable Tray Support System

I Support
I Support Bracket

I Support



I Support Bracket

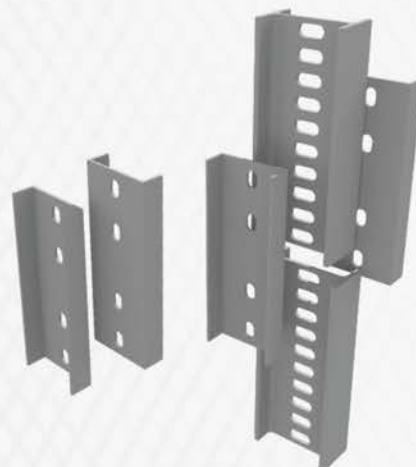


-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

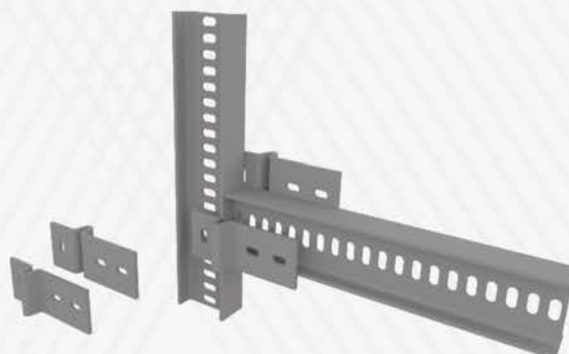
Any further dimension and specs can be arranged upon request

I support Accessories

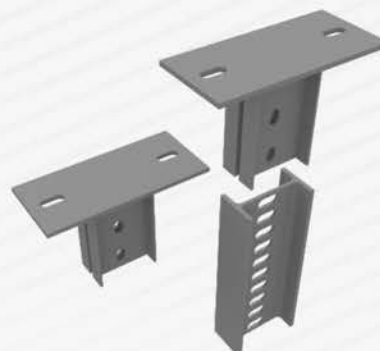
I support connector code: ISCE200-HDF



I support plate code: ISPE300-HDI



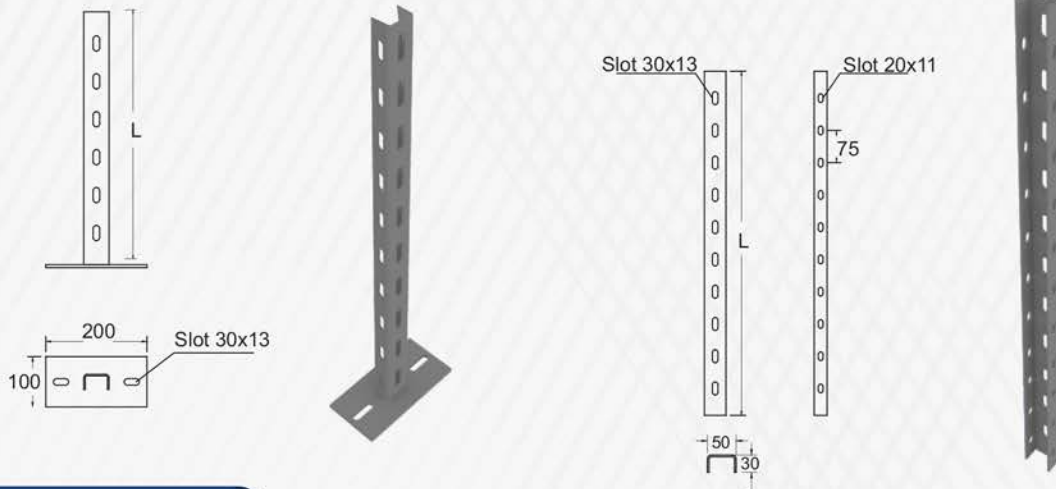
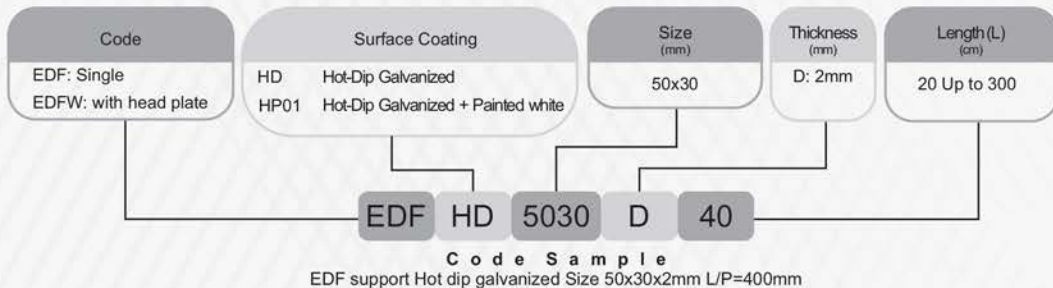
I support Head plate code: IP-HDF-010411



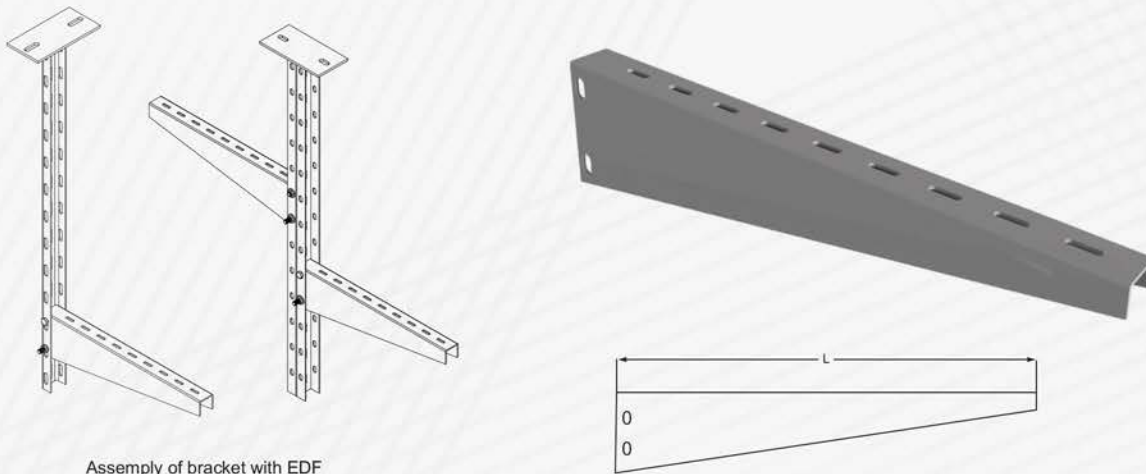
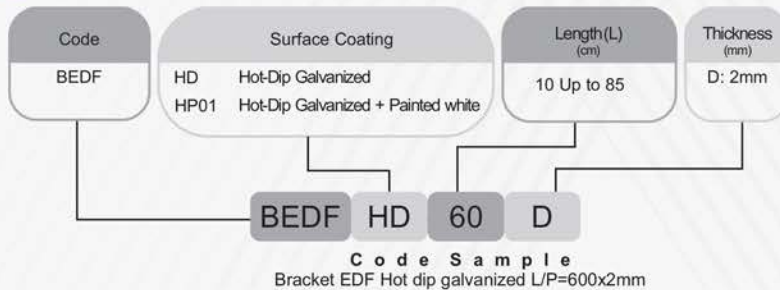
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

Cable Tray Support System | EDF Support EDF Support Bracket

EDF Support



EDF Support Bracket



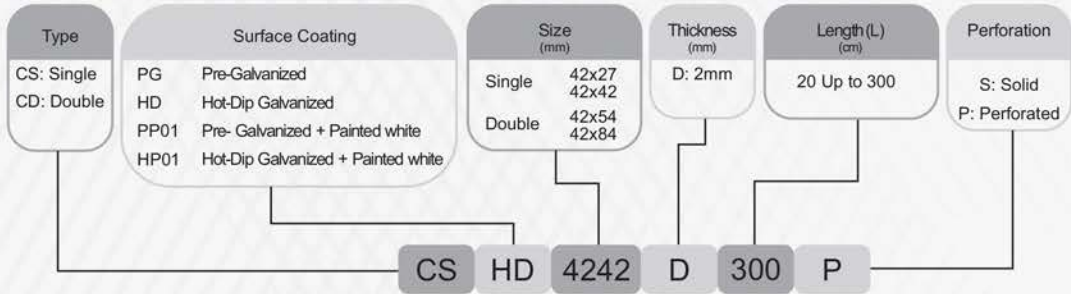
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

Any further dimension and specs can be arranged upon request

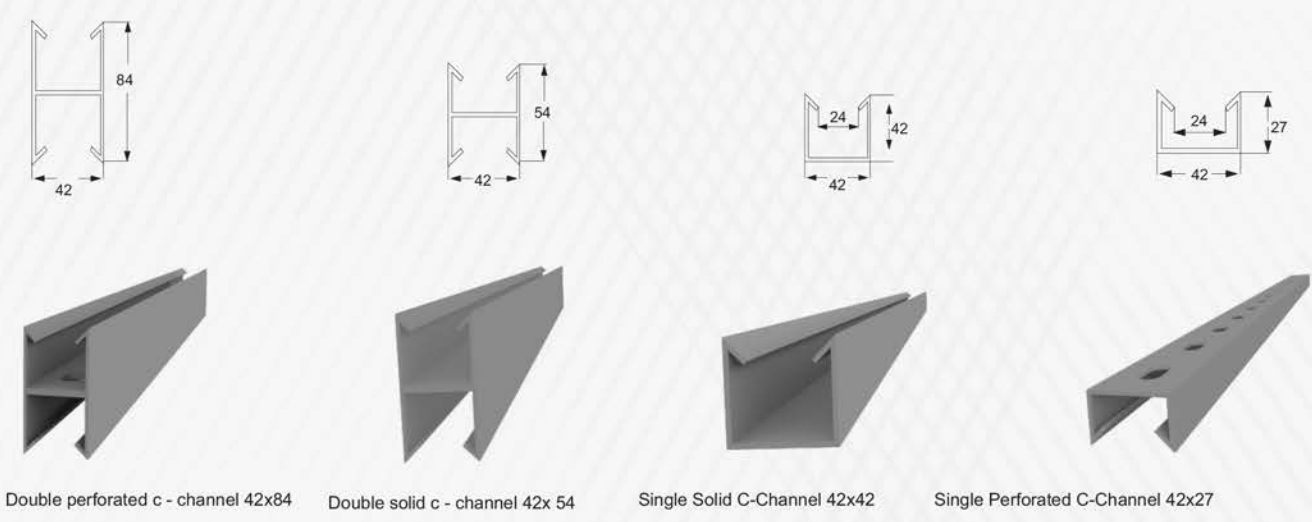
Cable Tray Support System

C- Channel Support
C- Channel with plate
C- Channel Accessories

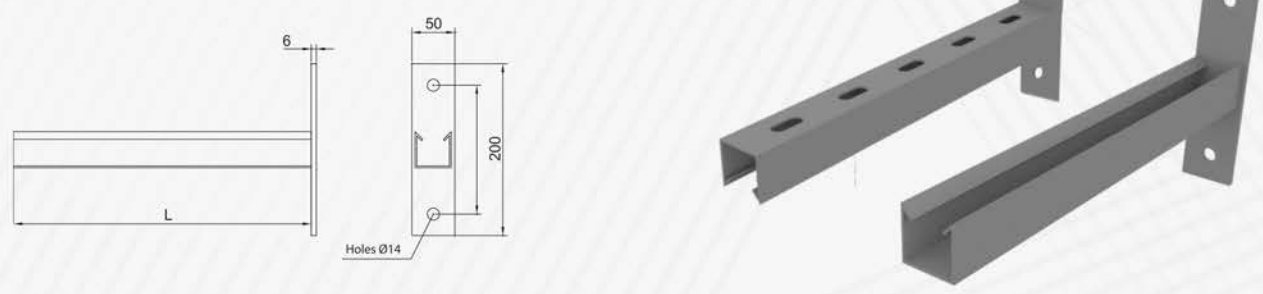
C- channel support (Unistrut)



Code Sample
C-channel (Unistrut) singal Hot dip galvanized Size42x42x2mm L/P=3000mm perforated type



C- Channel with plate



C- channel Accessories

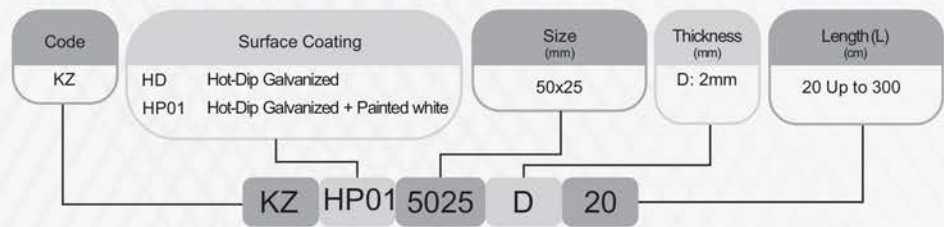


-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

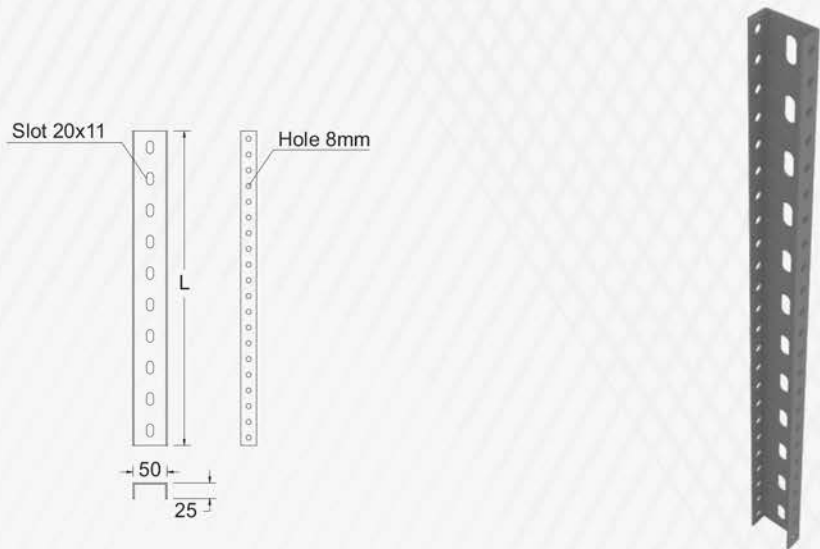
Any further dimension and specs can be arranged request

Cable Tray Support System | KZ Support KZ Support Bracket

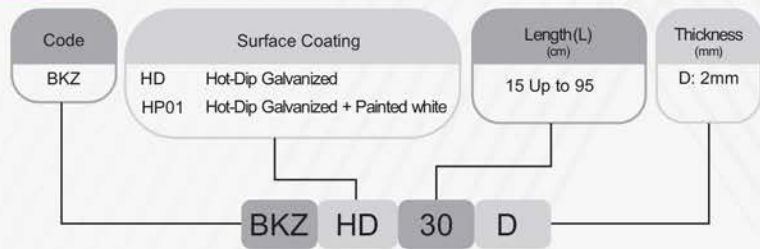
Light KZ Support



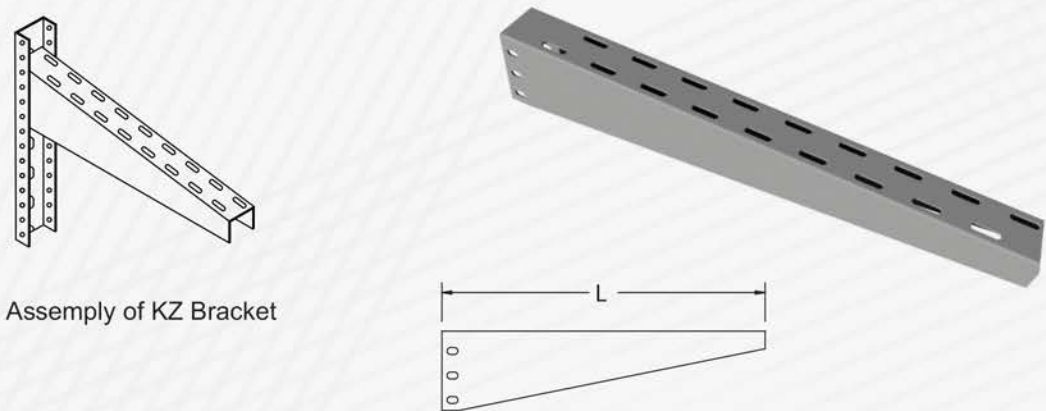
C o d e S a m p l e
KZ support Hotdip galvanized painted white (9016) Size 50x25x2mm L/P=200mm



KZ Support Bracket



C o d e S a m p l e
Bracket KZ Hot dip galvanized L/P=300x2mm



Assembly of KZ Bracket

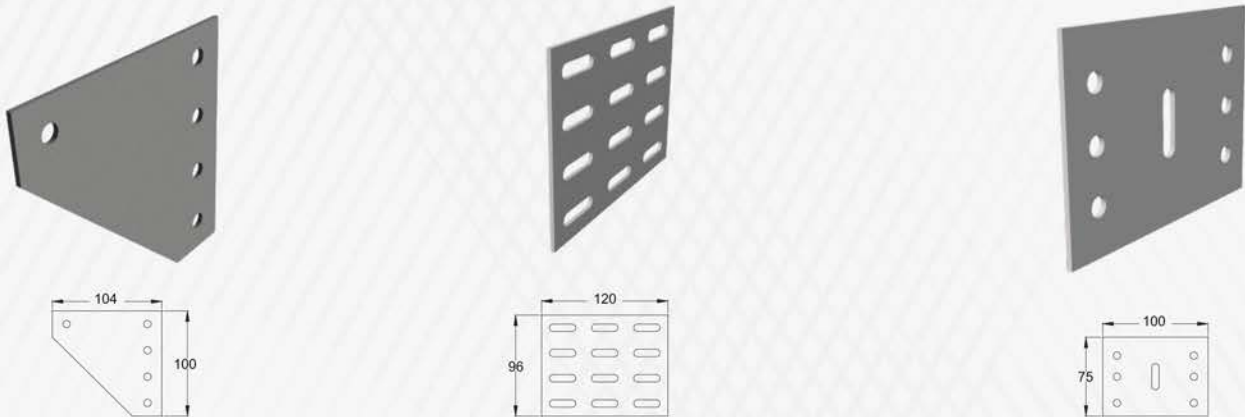
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

Any further dimension and specs can be arranged request

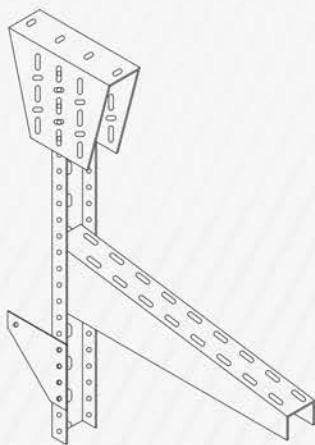
KZ Support Accessories

Connecting Plates

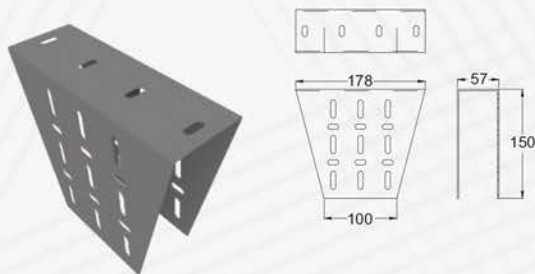
Connecting Plates For KZ System



Gusset Double



Assembly of KZ system



Double gusset for KZ system

-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

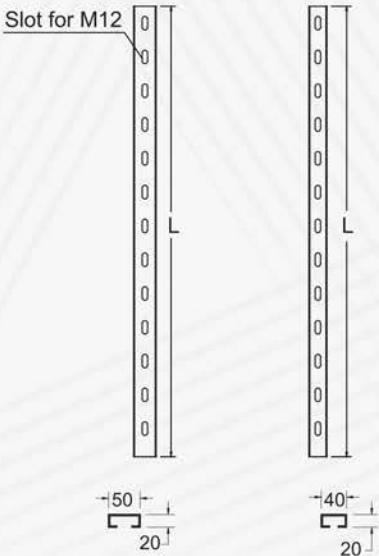
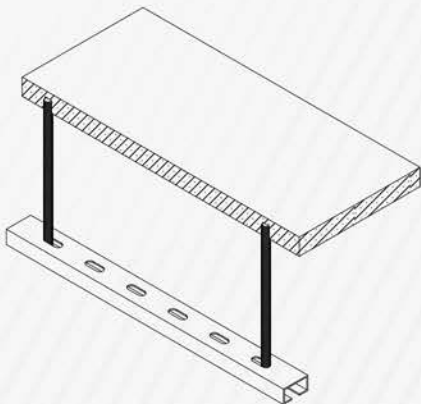
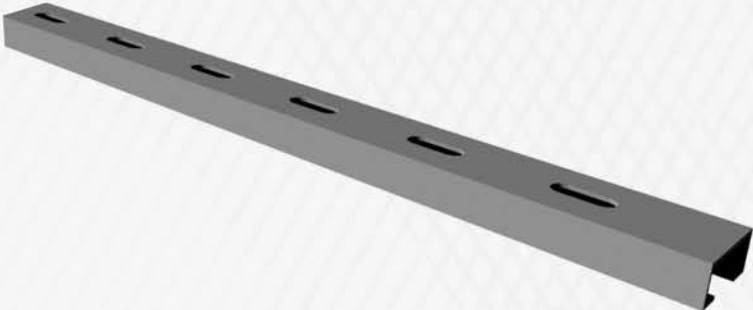
Any further dimension and specs can be arranged request

Cable Tray Support System | Ceiling Mounting

Ceiling Mounting

Surface Coating		Size (mm)*	Thickness	Length (cm)	
CMPG	Pre-Galvanized	5020	D: 2mm	200	
CMHD	Hot-Dip Galvanized	4020			
CMPP01	Pre- Galvanized + Painted white				
CMHP01	Hot-Dip Galvanized + Painted white				
CMSS	Stainless Steel 304				
		CMHD	5020	D	200

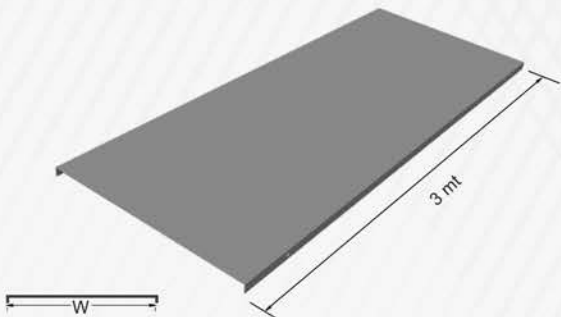
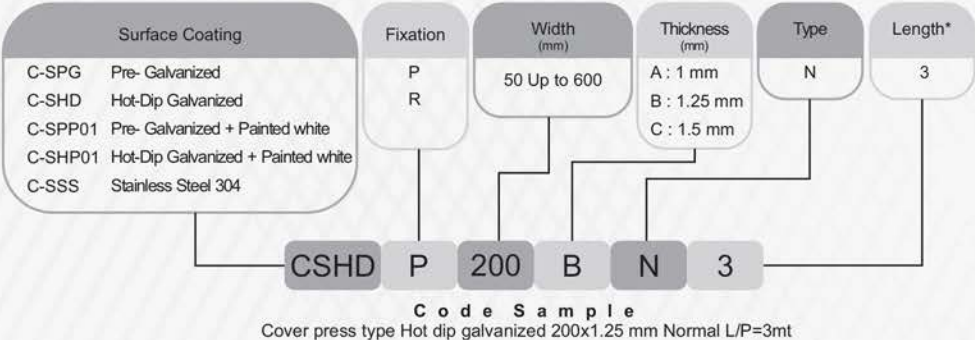
Code Sample
Ceiling mounting Hot dip galvanized Size50x20x2mm L/P=2mt



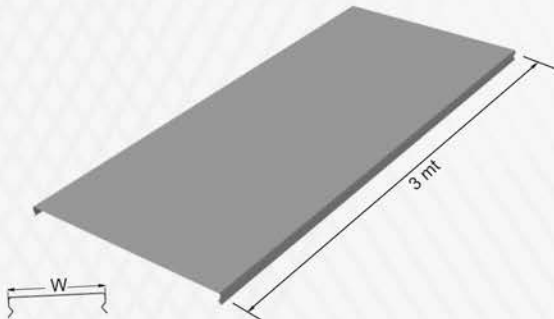
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

-Any further dimension and specs can be arranged request
 *40x20mm is recommended up to 300mm width
 *50x20mm is recommended up to 900mm width

Straight Cover

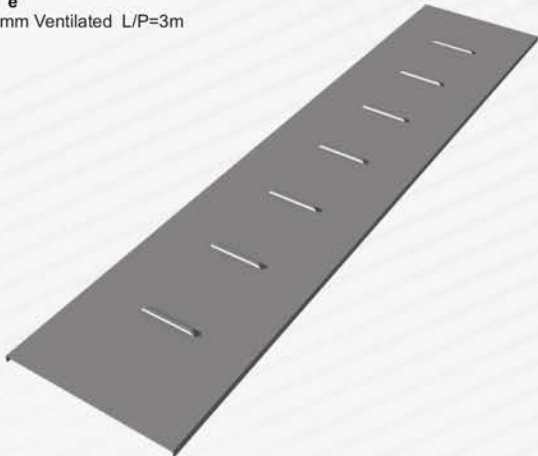
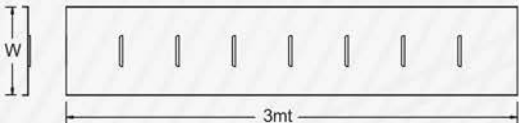
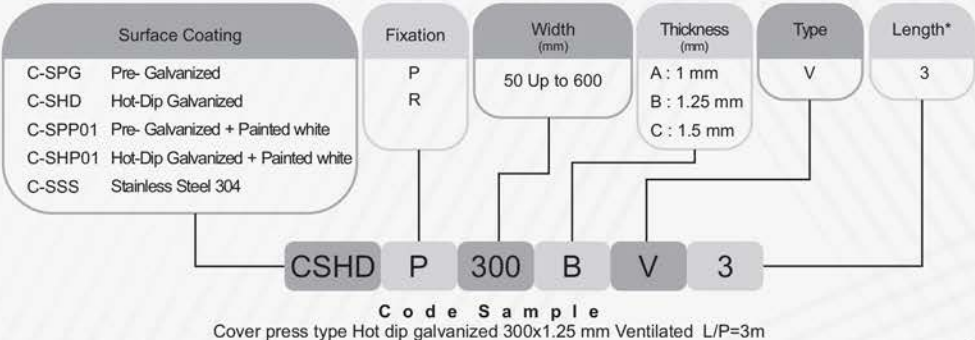


Straight Cover (Press type)



Straight Cover (snap on type)

Ventilated Straight Cover



-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
-Hot Dip Galvanized (Before Fabrication) according to EN 10327
-Metal Cable Tray Systems According to NEMA VE1 2009

Any other dimension can be arranged upon request

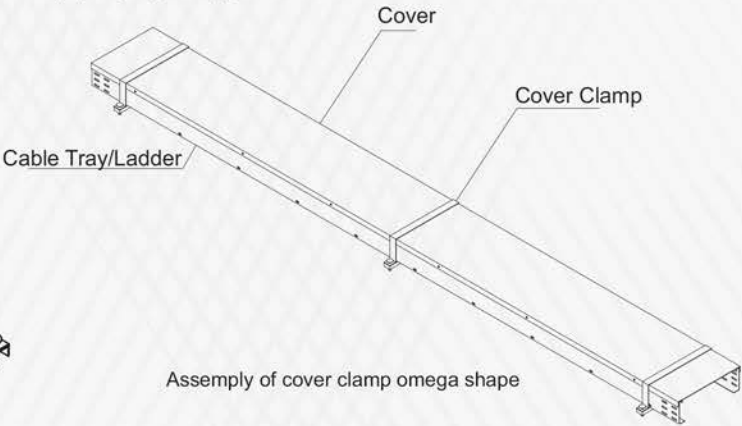
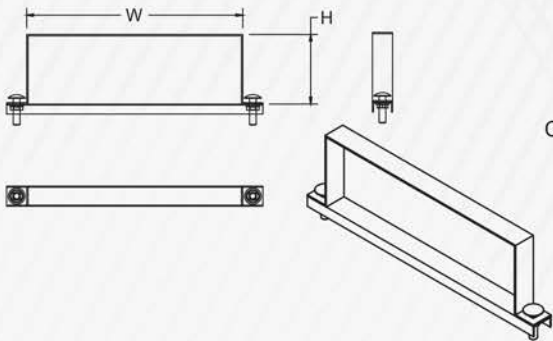
Cover clamp | Cover Clamp omega shape Cover Clamp C shape

Cover Clamp omega shape

Surface Coating		Width (cm)	Height (cm)	Thickness (mm)
CC-PG	Pre-Galvanized	5 up to 60	25	A: 1mm
CC-HD	Hot-Dip Galvanized		50	B: 1.25mm
CC-PP01	Pre- Galvanized + Painted white		75	C: 1.5mm
CC-HP01	Hot-Dip Galvanized + Painted white		100	
CC-SS	Stainless Steel 304			

CCHD 20 10 C

Code Sample
Cover Clamp (heavy duty) Hotdip galvanized 200x100x1.5

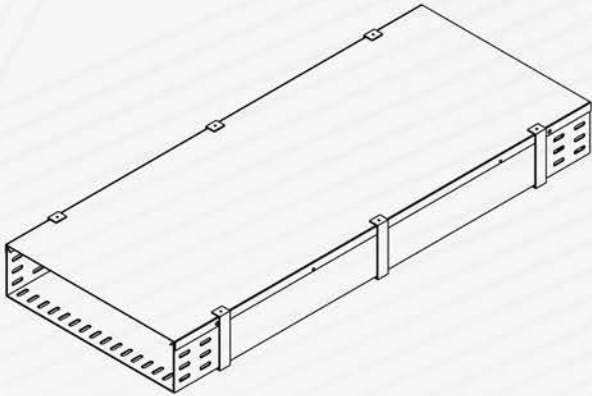
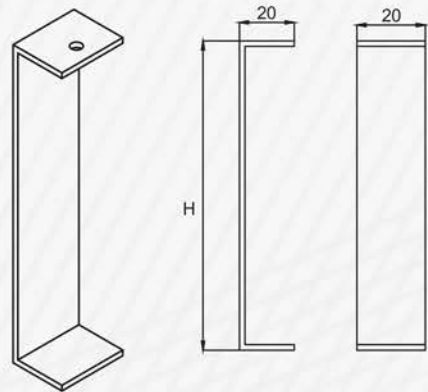


Cover Clamp C shape

Type	Surface Coating	Height (mm)	Thickness (mm)
CC-PG	Pre-Galvanized	25 up to 150	A: 1mm
CC-PP01	Pre- Galvanized + Painted white		B: 1.25mm
CC-SS	Stainless Steel 304		C: 1.5mm

CCSS 10 B M

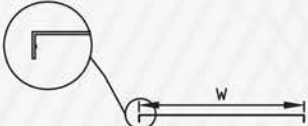
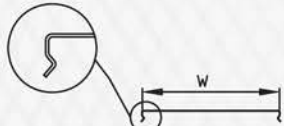
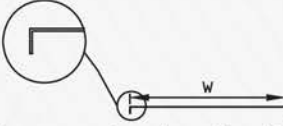
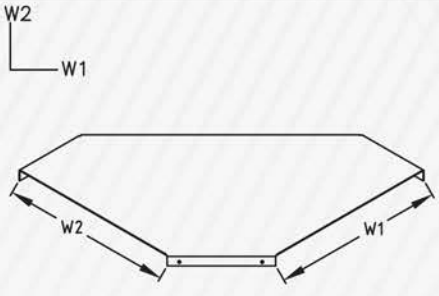
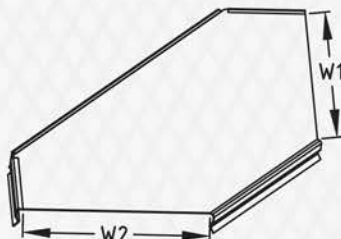
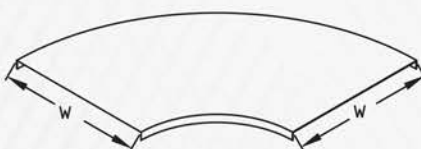
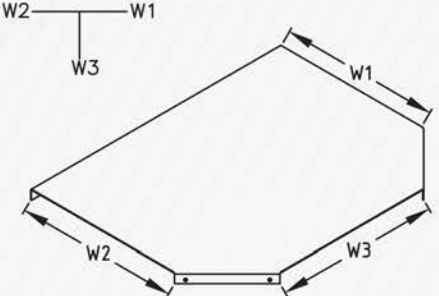
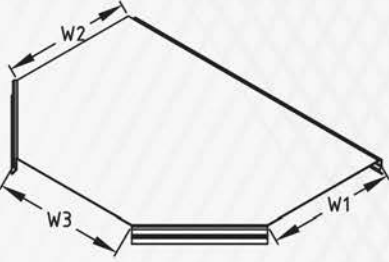
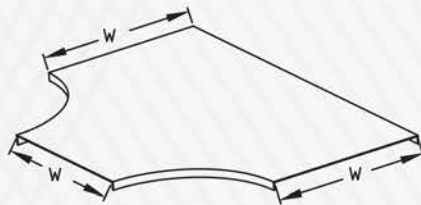
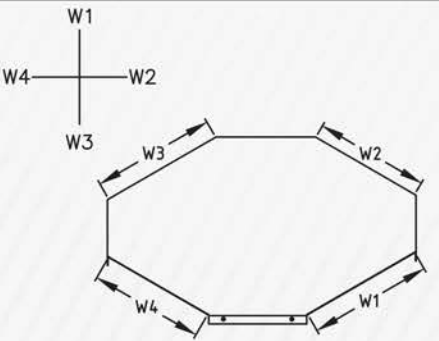
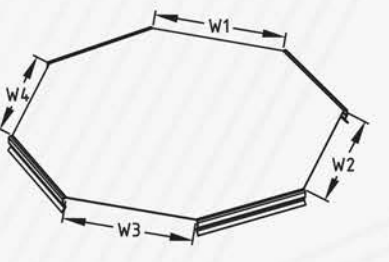
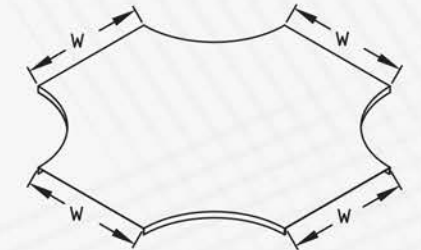
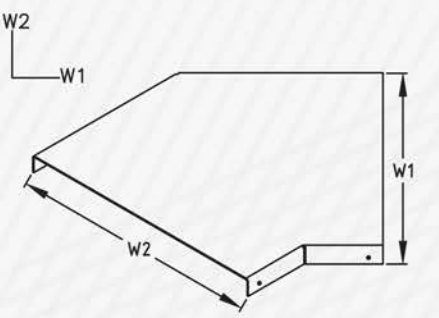
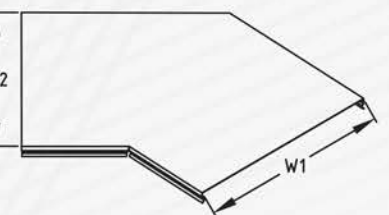
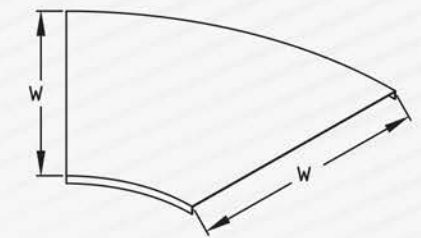
Code Sample
Cover Clamp (fixed with Bolt M) Stainless Steel 304 H=100mm 1.25mm



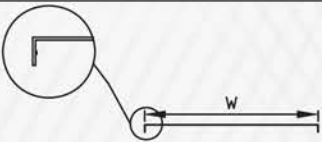
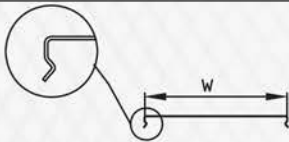
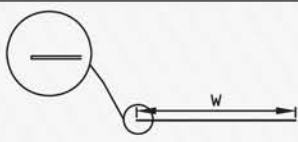
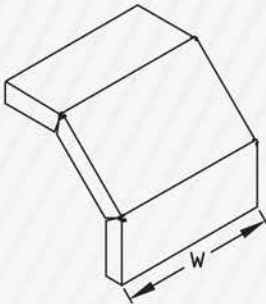
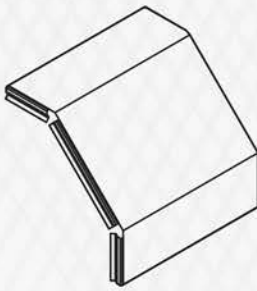
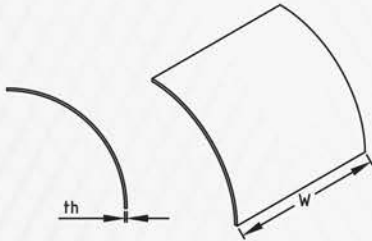
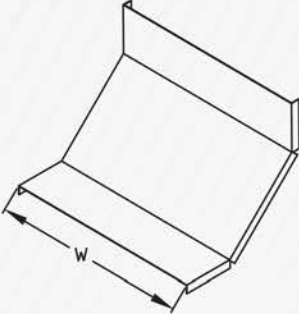
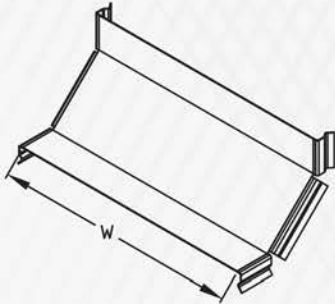
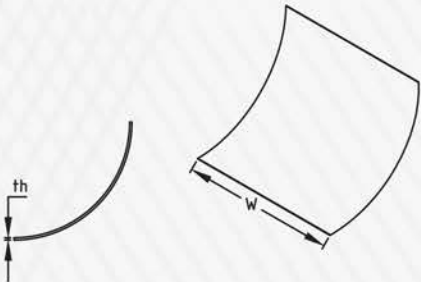
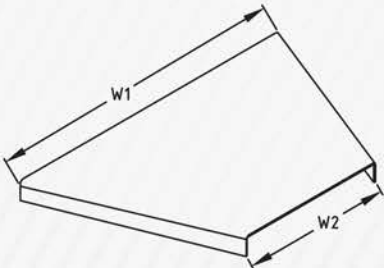
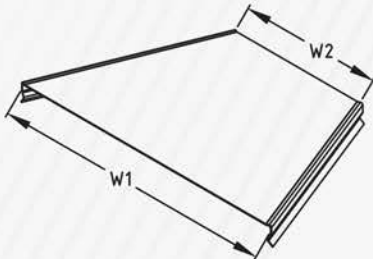
-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

Any other dimension can be arranged upon request

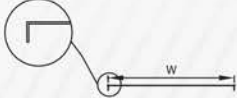
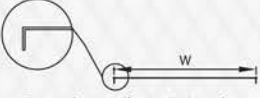
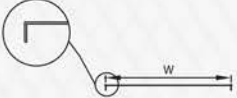
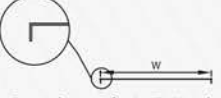
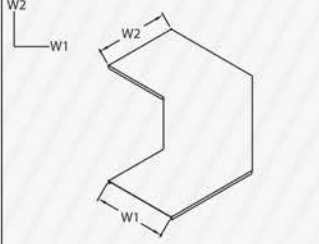
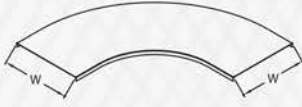
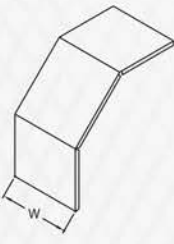
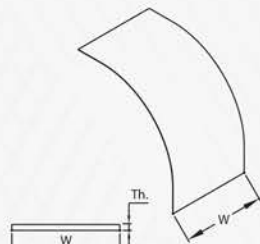
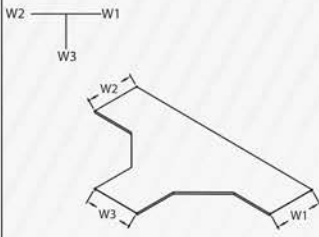
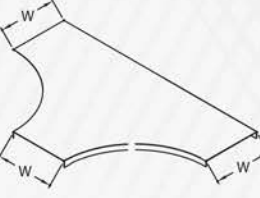
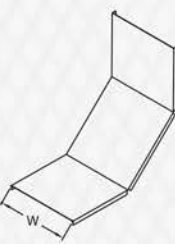

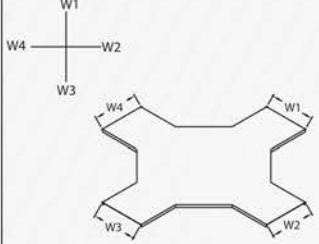
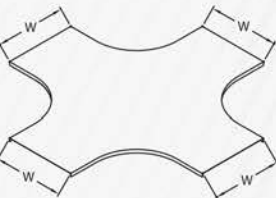
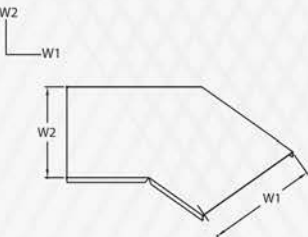
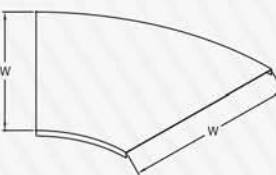
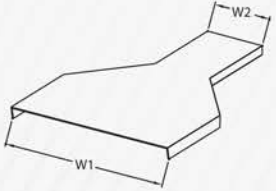
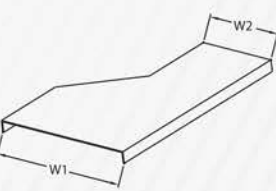
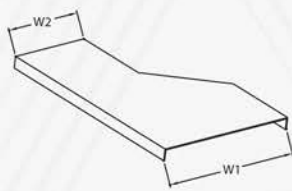
covers for cable tray / trunk fitting

 <p>Press type cover</p>	 <p>Snap on type cover</p>	 <p>Curved cover for L , T , X only Fixed by bolt</p>
 <p>Horizontal L90° Cover press type</p>	 <p>Horizontal L90° Cover snap on type</p>	 <p>Horizontal L90° Cover curved type</p>
 <p>Horizontal TEE Cover press type</p>	 <p>Horizontal TEE Cover snap on type</p>	 <p>Horizontal TEE Cover curved type</p>
 <p>Horizontal cross Cover press type</p>	 <p>Horizontal cross Cover snap on type</p>	 <p>Horizontal cross Cover curved type</p>
 <p>Horizontal L45° Cover press type</p>	 <p>Horizontal L45° Cover snap on type</p>	 <p>Horizontal L45° Cover, curved type</p>

covers for cable tray / trunk fitting

 <p>Press type cover</p>	 <p>Snap on type cover</p>	 <p>Curved cover for faller & raiser Fixed by bolt , without flange</p>
 <p>Vertical faller Cover press type</p>	 <p>Vertical faller Cover snap on type</p>	 <p>Vertical faller Cover, curved type</p>
 <p>Vertical raiser Cover press type</p>	 <p>Vertical raiser Cover snap on type</p>	 <p>Vertical raiser Cover, curved type</p>
 <p>Middle reducer Cover press type</p>	 <p>Middle reducer Cover snap on type</p>	

Covers for cable ladder fittings

 <p>Press type cover</p>	 <p>Curved cover for L, T, X only Fixed by bolt</p>	 <p>Press type cover</p>	 <p>Curved cover for L, T, X only Fixed by bolt</p>
 <p>Horizontal L90° Cover press type</p>	 <p>Horizontal L90° Cover curved type</p>	 <p>Vertical faller Cover press type</p>	 <p>Vertical faller Cover, curved type</p>
 <p>Horizontal TEE Cover press type</p>	 <p>Horizontal TEE Cover curved type</p>	 <p>Vertical raiser Cover press type</p>	 <p>Vertical raiser Cover, curved type</p>
 <p>Horizontal cross Cover press type</p>	 <p>Horizontal cross Cover curved type</p>	 <p>Horizontal L45° Cover press type</p>	 <p>Horizontal L45° Cover, curved type</p>
 <p>Middle reducer Cover press type</p>	 <p>Right reducer Cover press type</p>	 <p>Left reducer Cover press type</p>	

Connectors & Support Profiles







Code	Sizes	Profiles
Straight Connector		
S04HD2.5	Height 25 mm	
S04HD05	Height 50 mm	
S04HD06	Height 60 mm	
S04HD7.5	Height 75 mm	
S04HD10	Height 100 mm	
S04HD11	Height 110 mm	
S04HD16	Height 160 mm	
Angle Connector		
A04HD2.5C	Height 25 mm	
A04HD05C	Height 50 mm	
A04HD06C	Height 60 mm	
A04HD7.5C	Height 75 mm	
A04HD10C	Height 100 mm	
A04HD11C	Height 110 mm	
A04HD16C	Height 160 mm	
Reducer Plate		
R02HD(width)2.5C	Width*25 mm	
R02HD(width)05C	Width*50 mm	
R02HD(width)7.5C	Width*75 mm	
R02HD(width)10C	Width*100 mm	
Vertical Adjustable		
V04HD2.5C	Height 25 mm	
V04HD05C	Height 50 mm	
V04HD06C	Height 60 mm	
V04HD7.5C	Height 75 mm	
V04HD10C	Height 100 mm	
V04HD11C	Height 110 mm	
V04HD16C	Height 160 mm	
Vertical Adjustable Bend Element		
V02PHD(width)2.5C	width*25 mm	
V02PHD(width)05C	width*40 mm	
V02PHD(width)7.5C	width*75 mm	
V02PHD(width)10C	width*100 mm	
Flexible Vertical Bend		
F03HD(width)05D100	width*50 mm	
F03HD(width)7.5D100	width*75 mm	
F03HD(width)10D100	width*100 mm	

-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

Connectors are available in H.D.G (after fabrication / before fabrication)
 any further dimensions and specs can be arranged on request
 All profiles are useful sections to solve many erection problems
 sections are available in Pre - Galvanized or Hot -Dip Galvanized
 standard lenght 3 meter with thickness 2 mm
 any further dimensions and specs can be arranged on request

Connectors & Support Profiles

Code	Sizes	Profiles
End Plate		
E08HDF(width)2.5C	Width*25 mm	
E08HDF(width)05C	Width*50 mm	
E08HDF(width)7.5C	Width*75 mm	
E08HDF(width)10C	Width*100 mm	

Code	Sizes	Profiles
Z Section		
Z01HD252525D300	25*25*25 mm	
Z01HD502550D300	50*25*50 mm	
Z01HD505025D300	50*50*50 mm	
L Section		
L01HD2525D300	25*25 mm	
L01HD5025D300	50*25 mm	
L01HD5050D300	50*50 mm	
Omega section		
O01HD252525D300	25*25*25 mm	
O01HD505050D300	50*50*50 mm	
U Section		
U01HD2525D300	14*35 mm	
U01HD5025D300	14*40 mm	
U01HD5050D300	24*24 mm	
Plate Section		
P01HD24C30	24*1.5 mm	
P01HD48D20	48*2 mm	
P01HD72D20	72*2 mm	
P01HD30D20	30*2 mm	
P01HD40D20	40*2 mm	
Divider Strip		
D01HD2.5C3S	Height 25 mm	
D01HD05C3S	Height 50 mm	
D01HD7.5C3S	Height 75 mm	
D01HD10C3S	Height 100 mm	

-Hot Dip Galvanized (After Fabrication) according to BS-EN-ISO 1461
 -Hot Dip Galvanized (Before Fabrication) according to EN 10327
 -Metal Cable Tray Systems According to NEMA VE1 2009

All profiles are useful sections to solve many erection problems
 sections are available in H.D.G (after fabrication / before fabrication)
 standard lenght 3 meter with thickness 2 mm
 any further dimensions and specs can be arranged on request

TECHNICAL DATA



EL SEWEDY
INDUSTRIES

TECHNICAL DATA

NORMAL TRAY HEIGHT 50MM

NORMAL TRAY HEIGHT 75MM

NORMAL TRAY HEIGHT 100MM

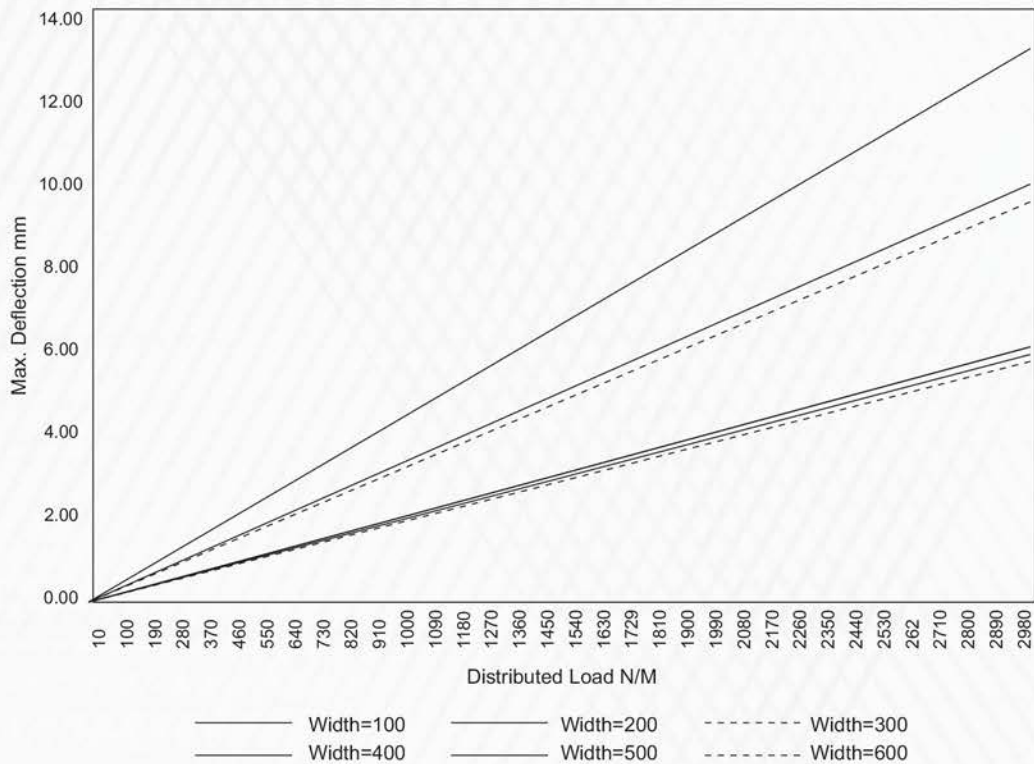
FLANGED TRAY HEIGHT 50MM

FLANGED TRAY HEIGHT 75MM

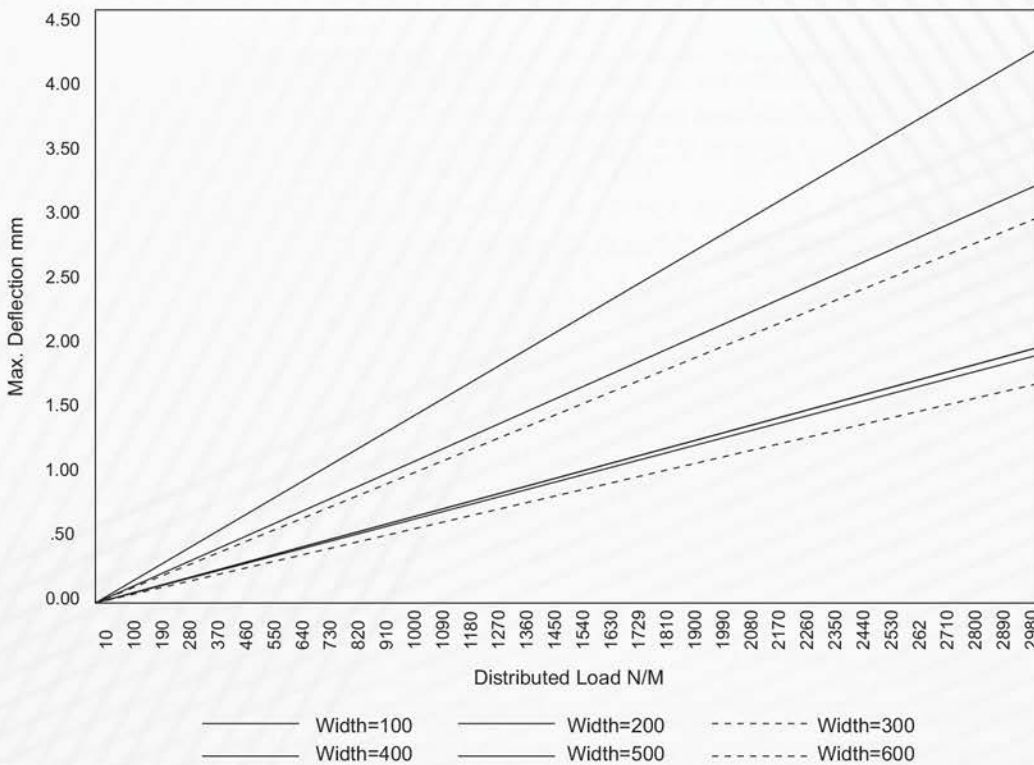
FLANGED TRAY HEIGHT 100MM

CABLE TRAY CAPACITY WITH COVER

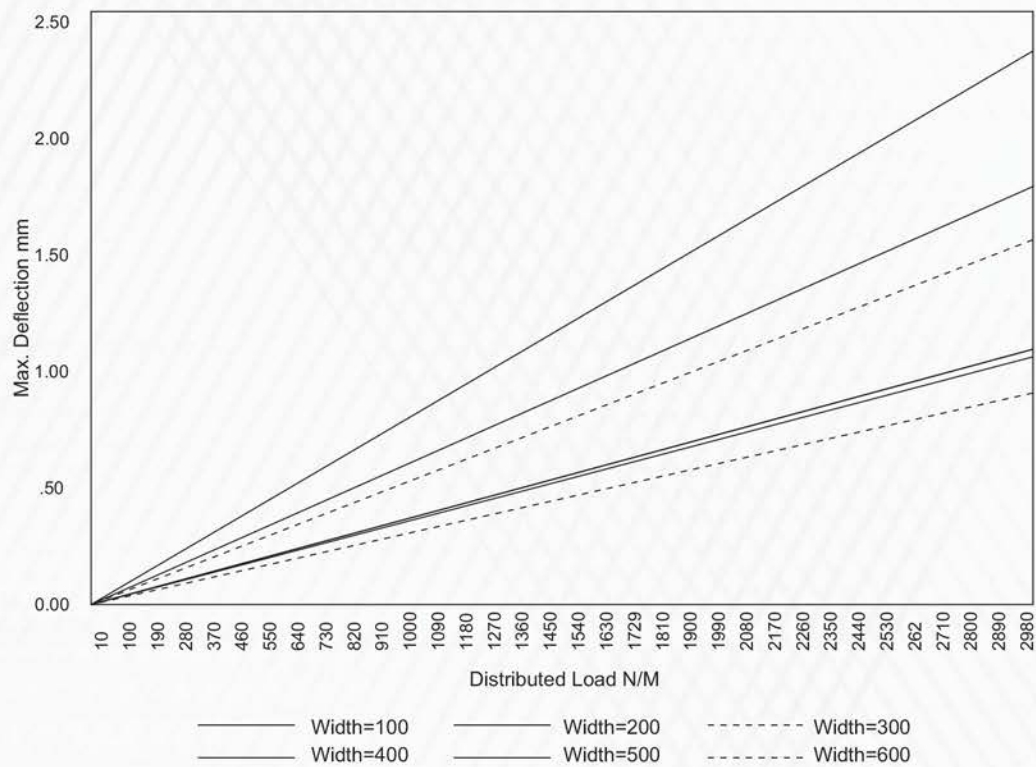
Normal Tray Height 50mm



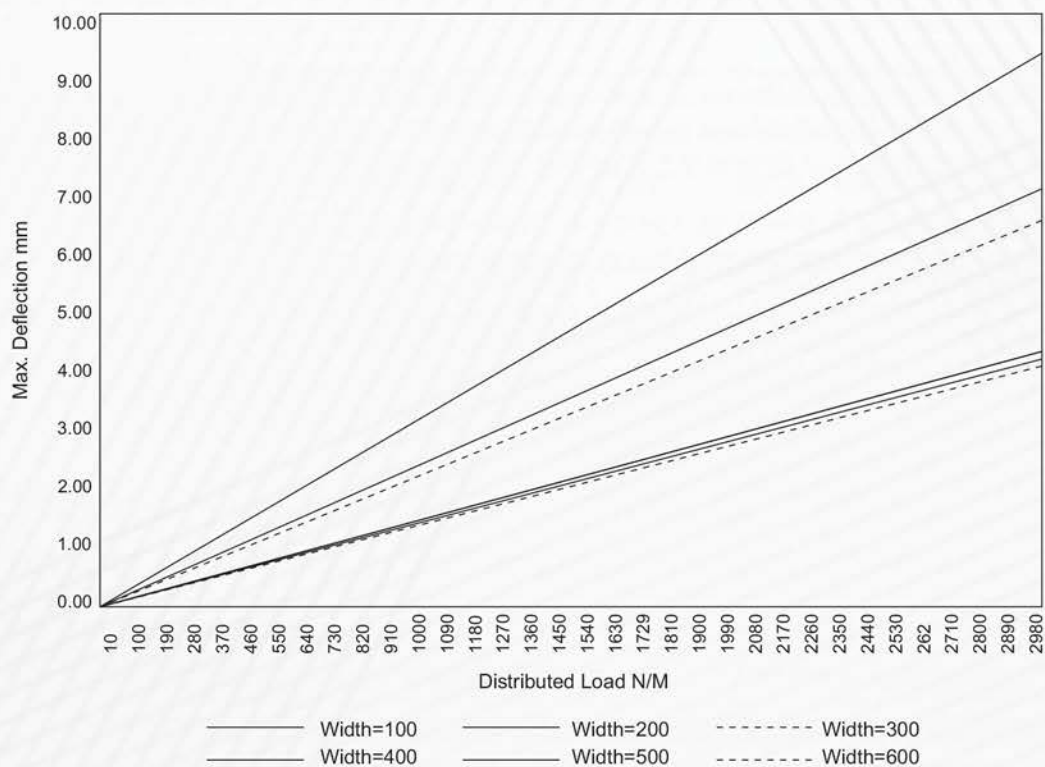
Normal Tray Height 75mm



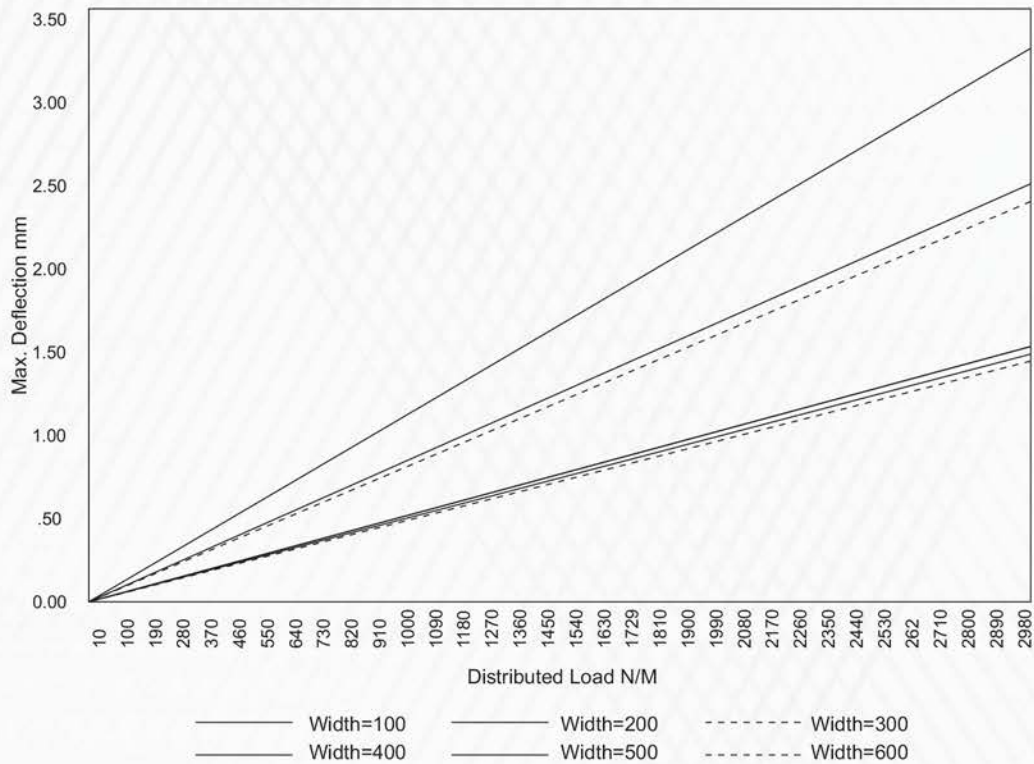
Normal Tray Height 100mm



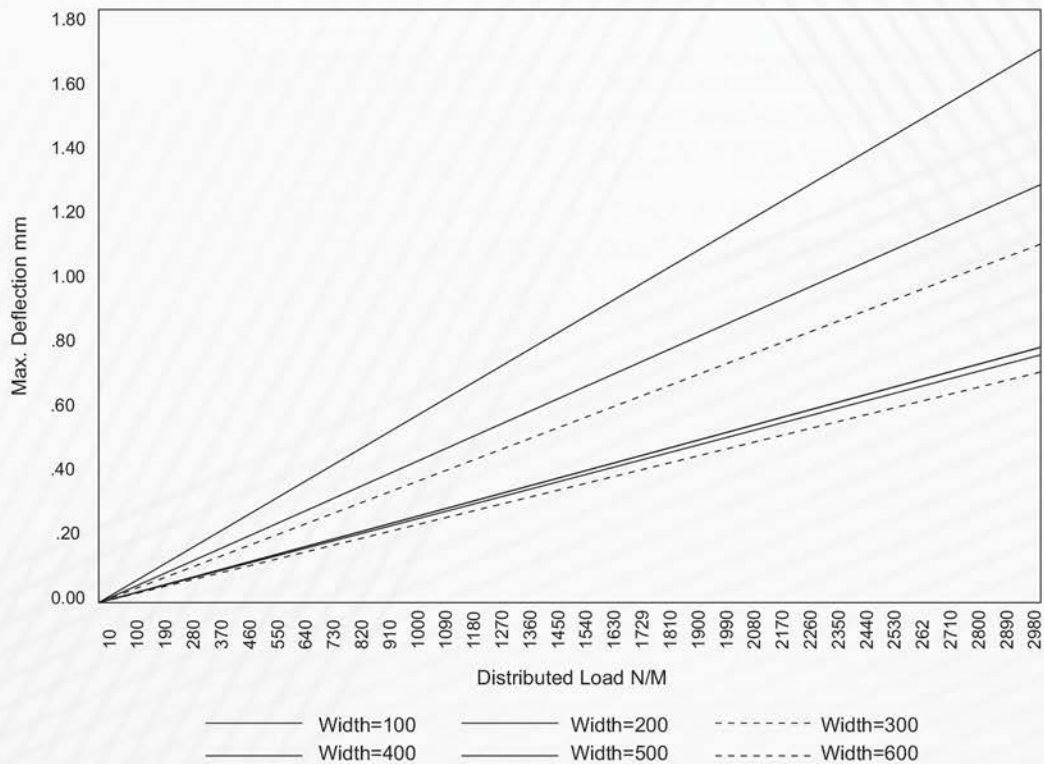
Flanged Tray Height 50mm



Flanged Tray Height 75mm



Flanged Tray Height 100mm



TECHNICAL DATA

1-How To Choose Tray, Trunk or Ladder?

A-Tray?

- Is suitable for most applications.
- Provide easy cable laying and optimal protection of the cable.
- Perforation ensure that the heat is discharged sufficiently.

B-Trunk?

- Provide easy cable laying.
- Imperforation ensure that the best protection of the cables.
- Suitable for cables with very low heat generation.

C-Ladder?

- Suitable for power cables for a higher degree of heat generation.
- Suitable for all types of cables outdoors or in areas with dirt occurrence.

2-Side height?

Depend on the cable size and cable type.

3-Cross section area?

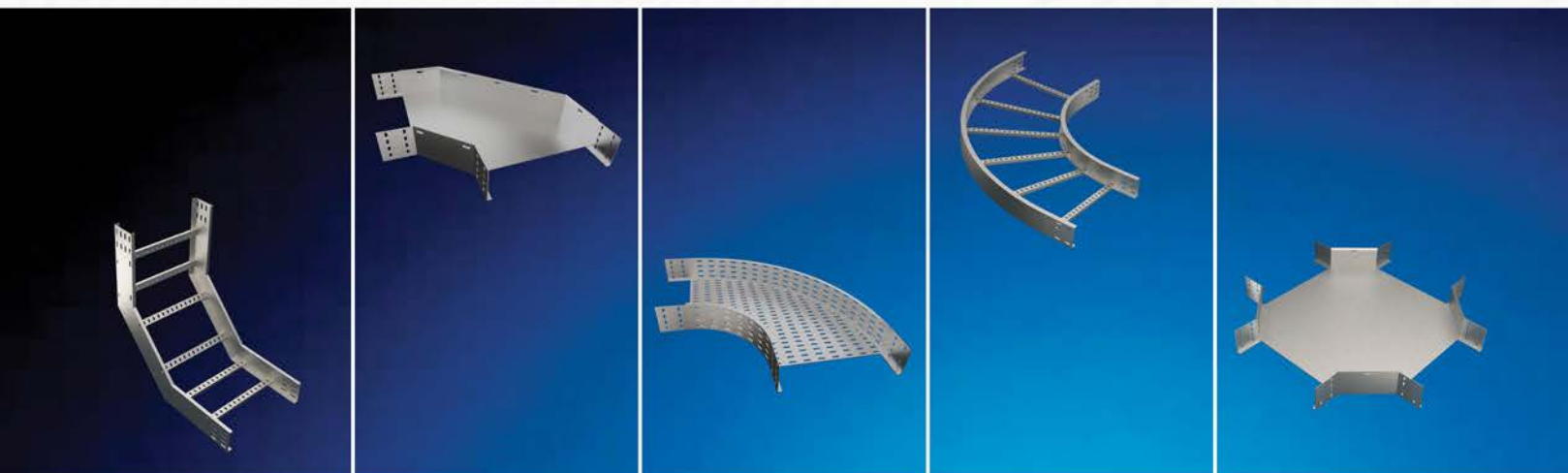
- Determine the cross section areas of your cables within a square.
- Add the cross section areas of all the cables.
- Add 25% of future reserve.
- Now you have the cross section area of the tray.
- From the suitable height you can know the tray width.

4-Support spacing?

- It's the distance between two support points.
- It's recommended to use standard support spacing 1.5m.
- From the loading diagram you can see the deflection.

5-Surface treatment?

- According to the atmosphere, place,etc.





Cable Tray capacity with cover

How to choose the tray according to the cables' diameter ?

4- core cables with standard copper conductor PVC insulated and PVC sheathed 0.6/1 (1.2)Kv

Nominal cross sectional area 4*.....mm ²	Approx Overall Diameter mm ²	Approx Weight Kg/m	Approx no. of cables mm	Full load approx. KN/m	Approx no. of cables mm	Full load approx. KN/m	Approx no. of cables mm	Full load approx. KN/m
--	--	--------------------	----------------------------	---------------------------	----------------------------	---------------------------	----------------------------	---------------------------

Cable tray width = 50mm

6	16	0.43	3	0.01				
10	18.5	0.65	1	0.01				
16	20.9	0.91	1	0.01				

Cable tray width = 100mm

6	16	0.43	9	0.04	10	0.43	10	0.04
10	18.5	0.65	7	0.05	6	0.39	6	0.04
16	20.9	0.91	5	0.05	6	0.55	6	0.05
35	25.1	1.65	3	0.05	5	0.83	6	0.1
50	29.3	2.23	2	0.04	3	0.67	3	0.07
70	32.9	3.07	2	0.06	3	0.92	3	0.09
95	37.8	4.18	1	0.08	3	1.25	3	0.13
120	41.2	5.21		0.05	1	0.52	1	0.05
150	45.9	6.40			1		1	0.06
185	50.7	7.96			1		1	0.08
240	57	10.33			1		1	0.1

Cable tray width = 150mm

6	16	0.43	18	0.08	22	0.09	27	0.11
10	18.5	0.65	11	0.07	18	0.12	20	0.13
16	20.9	0.91	9	0.08	12	0.11	14	0.13
35	25.1	1.65	4	0.07	7	0.12	9	0.15
50	29.3	2.23	4	0.09	7	0.16	9	0.20
70	32.9	3.07	3	0.09	5	0.15	6	0.18
95	37.8	4.18	3	0.13	5	0.21	5	0.21
120	41.2	5.21	2	0.10	3	0.16	3	0.16
150	45.9	6.40			2	0.13	3	0.19
185	50.7	7.96			2	0.16	2	0.16
240	57	10.33			2	0.21	2	0.20

Cable Tray capacity with cover

How to choose the tray according to the cables' diameter ?

4- core cables with standard copper conductor PVC insulated and PVC sheathed 0.6/1 (1.2)Kv

Nominal cross sectional area 4*.....mm ²	Approx Overall Diameter mm ²	Approx Weight Kg/m	Approx no. of cables mm	Full load approx. KN/m	Approx no. of cables mm	Full load approx. KN/m	Approx no. of cables mm	Full load approx. KN/m
--	--	--------------------	----------------------------	---------------------------	----------------------------	---------------------------	----------------------------	---------------------------

Cable tray width = 200mm

6	16	0.43	27	0.11	34	0.14	45	0.19
10	18.5	0.65	17	0.11	30	0.20	30	0.20
16	20.9	0.91		0.14	21	0.19	26	0.25
35	25.1	1.65	15	0.10	11	0.18	15	
50	29.3	2.23	6	0.11	9	0.20	12	
70	32.9	3.07	5	0.15	9	0.28	12	
95	37.8	4.18	5	0.17	7	0.29	7	
120	41.2	5.21	4	0.21	7	0.36	7	
150	45.9	6.40	4		3	0.19	5	
185	50.7	7.96			3	0.24	3	
240	57	10.33			2	0.21	2	

Cable tray width = 250mm

6	16	0.43	36	0.15	46	0.20	63	
10	18.5	0.65	21	0.14	38	0.25	40	
16	20.9	0.91	19	0.17	27	0.25	34	
35	25.1	1.65	8	0.13	15	0.25	21	
50	29.3	2.23	7	0.16	13	0.29	18	
70	32.9	3.07	6	0.18	11	0.34	15	
95	37.8	4.18	6	0.25	11	0.46	11	
120	41.2	5.21	5	0.26	9	0.47	9	
150	45.9	6.40			4	0.26	7	
185	50.7	7.96			4	0.32	4	
240	57	10.33			3	0.31	3	

Cable tray width = 300mm

6	16	0.43	45	0.19	58	0.25	81	0.31
10	18.5	0.65	27	0.18	50	0.33	60	0.39
16	20.9	0.91	25	0.23	36	0.33	43	0.39
35	25.1	1.65	10	0.17	19	0.31	27	0.45
50	29.3	2.23	9	0.20	17	0.38	24	0.53
70	32.9	3.07	8	0.25	15	0.46	21	0.64
95	37.8	4.18	7	0.29	13	0.54	13	0.54
120	41.2	5.21	6	0.31	11	0.57	11	0.57
150	45.9	6.40			5	0.32	9	0.58
185	50.7	7.96			5	0.40	5	0.40
240	57	10.33			4	0.41	4	0.41

Cable Tray capacity with cover

How to choose the tray according to the cables' diameter ?

4- core cables with standard copper conductor PVC insulated and PVC sheathed 0.6/1 (1.2)Kv

Nominal cross sectional area 4*.....mm ²	Approx Overall Diameter mm ²	Approx Weight Kg/m	Approx no. of cables mm	Full load approx. KN/m	Approx no. of cables mm	Full load approx. KN/m	Approx no. of cables mm	Full load approx. KN/m
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Cable tray width =400mm

6	16	0.43	66	0.28	82	0.35	117	0.50
10	18.5	0.65	39	0.25	74	0.48	85	0.55
16	20.9	0.91	33	0.30	48	0.44	62	0.56
35	25.1	1.65	14	0.23	27	0.45	39	0.64
50	29.3	2.23	12	0.27	23	0.51	33	0.73
70	32.9	3.07	11	0.34	21	0.64	30	0.92
95	37.8	4.18	9	0.38	17	0.71	17	0.71
120	41.2	5.21	8	0.42	15	0.78	15	0.78
150	45.9	6.40			8	0.51	15	0.96
185	50.7	7.96			7	0.56	7	0.56
240	57	10.33			6	0.62	6	0.62

Cable tray width = 500mm

6	16	0.43	84	0.36	110	0.47	159	0.68
10	18.5	0.65	49	0.32	94	0.61	115	0.75
16	20.9	0.91	43	0.39	63	0.57	82	0.75
35	25.1	1.65	18	0.30	35	0.58	51	0.84
50	29.3	2.23	16	0.36	31	0.69	45	1.00
70	32.9	3.07	14	0.43	27	0.83	39	1.20
95	37.8	4.18	12	0.5	23	0.96	23	0.96
120	41.2	5.21	11	0.57	21	1.09	21	1.09
150	45.9	6.40			10	0.64	19	1.22
185	50.7	7.96			9	0.72	9	0.72
240	57	10.33			8	0.83	8	0.83

Cable tray width = 600mm

6	16	0.43	102	0.43	134	0.57	195	0.83
10	18.5	0.65	49	0.32	114	0.74	140	0.91
16	20.9	0.91	43	0.39	78	0.71	102	0.93
35	25.1	1.65	18	0.30	43	0.71	63	1.04
50	29.3	2.23	16	0.36	37	0.82	54	1.2
70	32.9	3.07	14	0.43	33	1.01	48	1.47
95	37.8	4.18	12	0.50	29	1.21	29	1.21
120	41.2	5.21	11	0.57	25	1.30	25	1.30
150	45.9	6.40			12	0.77	23	1.47
185	50.7	7.96			11	0.88	11	0.88
240	57	10.33			9	0.93	9	0.93

TRAYS CERTIFICATES

EOS
Quality control center
General department for testing
Chemical products, building &
Construction material

Report Evaluation Test Results
for sample support system

EOS G2/3

Sample source: EL SEWEDY EGY TREY - E MAS
Date of sample submission: 2 / 8 / 2011
Submitted Sample: Support system
Code No: K / 1 / 1028 / 1 / 2011
Testing Lab: 1 page
Report pages: 1 page

Customer requirements: evaluation the following tests
1- Coating thickness 2- Adhesion according to BS EN ISO 1461:2008
based on: 2 / 8 / 2011

The tests were carried out on the Sample according to BS EN ISO 1461:2008 that dip galvanized coatings on hot-dipped iron and steel articles - specifications and test methods

The sample passed the following tests

1- Coating thickness
2- Adhesion

The tests results were applied on the received sample by client & whether this sample represents the whole production or any specified quantities in the responsibility of the body who submitted the sample and this report can not be considered as conformity certificate.

General Director
Ch. Laila Ranney

EOS
Quality control center
General department for testing
Chemical products, building &
Construction material

Report Evaluation Test Results
for sample cable trunks

EOS G2/3

Sample source: EL SEWEDY EGY TREY - E MAS
Date of sample submission: 2 / 8 / 2011
Submitted Sample: Cable trunks
Code No: K / 1 / 1028 / 1 / 2011
Testing Lab: 1 page
Report pages: 1 page

Customer requirements: evaluation the following tests
1- Coating thickness 2- Adhesion according to BS EN ISO 1461:2008
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General Director
Ch. Laila Ranney

EOS
Quality control center
General department for testing
Chemical products, building &
Construction material

Test results report for "Aluminum Cable Insulator"

EOS G2/3

Sample source: EL SEWEDY EGY TREY - E MAS
Date of sample submission: 2 / 8 / 2011
Submitted Sample: Aluminum Cable Insulator (31)
Code No: K / 1 / 1028 / 1 / 2011
Testing Lab: 1 page
Report pages: 1 page

Customer requirements: evaluation the following tests
1- Coating thickness 2- Adhesion according to BS EN ISO 1461:2008
based on: 2 / 8 / 2011

The tests were carried out on the Sample according to BS EN ISO 1461:2008 that dip galvanized coatings on hot-dipped iron and steel articles - specifications and test methods

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1- Coating thickness
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General Director
Ch. Laila Ranney

PACKING



الوصف الخاص بالمنتجات و الأبعاد و كذلك المواصفات الفنية المتضمنة
في هذا الكتالوج هو على سبيل الإستدلال فقط
و التي من الممكن أن تخدم أو تحسن هذا المنتج (هذه المنتجات) دون سابق إنذار أو ملاحظات



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