



**Perforated Type Cable Tray**

**PG - Line**

Code #	Width (W) (mm)	Side Height (H) (mm)	Thickness (mm)
PG-PCT50-50	50	50	0.6 – 1.0
PG-PCT50-100	100	50	1.0 – 1.5
PG-PCT50-150	150	50	1.0 – 1.5
PG-PCT50-200	200	50	1.0 – 1.5
PG-PCT50-250	250	50	1.0 – 1.5
PG-PCT50-300	300	50	1.0 – 1.5
PG-PCT50-400	400	50	1.5 – 2.0
PG-PCT50-500	500	50	1.5 – 2.0
PG-PCT50-600	600	50	1.5 – 2.0
PG-PCT75-50	50	75	0.6 – 1.0
PG-PCT75-100	100	75	1.0 – 1.5
PG-PCT75-150	150	75	1.0 – 1.5
PG-PCT75-200	200	75	1.0 – 1.5
PG-PCT75-250	250	75	1.0 – 1.5
PG-PCT75-300	300	75	1.0 – 1.5
PG-PCT75-400	400	75	1.5 – 2.0
PG-PCT75-500	500	75	1.5 – 2.0
PG-PCT75-600	600	75	1.5 – 2.0
PG-PCT100-50	50	100	0.6 – 1.0
PG-PCT100-100	100	100	1.0 – 1.5
PG-PCT100-150	150	100	1.0 – 1.5
PG-PCT100-200	200	100	1.0 – 1.5
PG-PCT100-250	250	100	1.0 – 1.5
PG-PCT100-300	300	100	1.0 – 1.5
PG-PCT100-400	400	100	1.5 – 2.0
PG-PCT100-500	500	100	1.5 – 2.0
PG-PCT100-600	600	100	1.5 – 2.0
PG-PCT110-50	50	110	0.6 – 1.0
PG-PCT110-100	100	110	1.0 – 1.5
PG-PCT110-150	150	110	1.0 – 1.5
PG-PCT110-200	200	110	1.0 – 1.5
PG-PCT110-250	250	110	1.0 – 1.5
PG-PCT110-300	300	110	1.0 – 1.5
PG-PCT110-400	400	110	1.5 – 2.0
PG-PCT110-500	500	110	1.5 – 2.0
PG-PCT110-600	600	110	1.5 – 2.0

## 1.1 Straight Element

### Specifications:

#### Material:

Steel / Stainless Steel / Aluminum

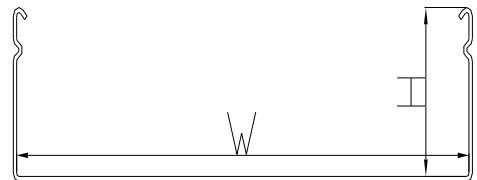
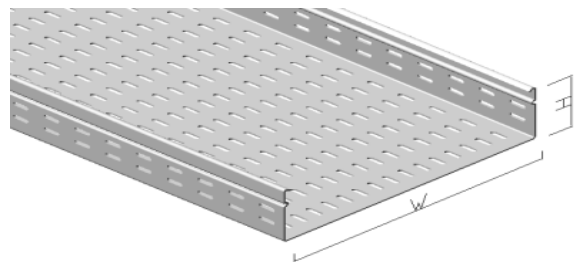
#### Surface Finish:

- Hot-dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μm (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

#### Side Standard height:

50 mm – 75 mm – 100 mm - 110 mm

#### Standard Length: 2000 mm & 3000 mm



For tray width 700 to 1000 mm, Thickness will be 2.0 mm up on request.

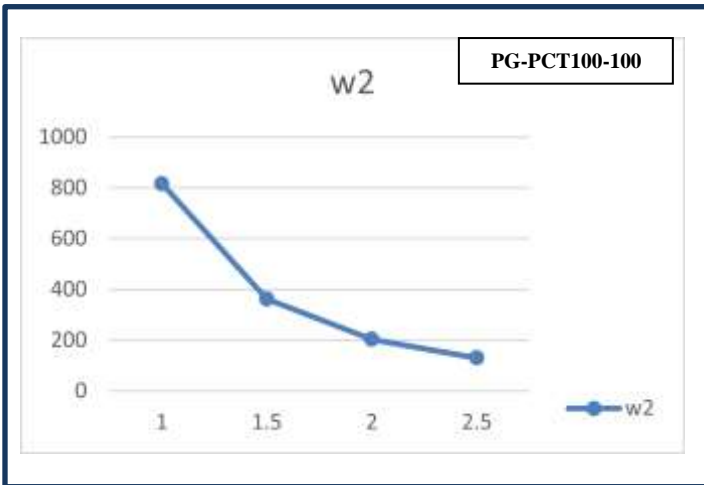
How to order :	(Example) PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated



**Load / Span Graph:**

Code #	Width (W) (mm)	Side Height (H) (mm)	Thickness (mm)
PG-PCT100-100	100	100	1.5

Tested load (W1) (Kg/m)	Tested Span (L1) (m)	Shorter Span (L2) (m)	Load / Span (W2) (Kg/m)
112	2.7	1.0	816.5
112	2.7	1.5	362.9
112	2.7	2.0	204.2
112	2.7	2.5	130.6



**Performance Standards & Load/Span Class Designations**

**3.1 WORKING (ALLOWABLE) LOAD CAPACITY** The working (allowable) load capacity represents the ability of a cable tray to support the static weight of cables. It is equivalent to the destruction load capacity, as determined by testing in accordance with 4.1 divided by a safety factor of 1.5

**Test Standards**

- 4.1 DESTRUCTION LOAD TEST
  - 4.1.1 Test Specimen
  - 4.1.2 Type and Length of Span
  - 4.1.3 Orientation of Specimens

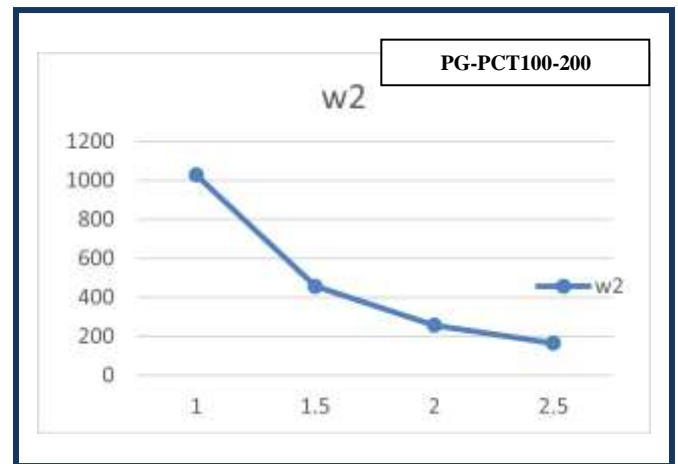
AS per NEMA – VE1 To Calculate a Load of shorter span use:

$$W2 = W1 \times L1^2 / L2^2$$

- W2 : Calculated Load for shorter span
- W1 : Tested load
- L1: Tested Span
- L2: Shorter Span

Code #	Width (W) (mm)	Side Height (H) (mm)	Thickness (mm)
PG-PCT100-200	200	100	1.5

Tested load (W1) (Kg/m)	Tested Span (L1) (m)	Shorter Span (L2) (m)	Load / Span (W2) (Kg/m)
141	2.7	1.0	1027.9
141	2.7	1.5	456.8
141	2.7	2.0	256.9
141	2.7	2.5	164.5



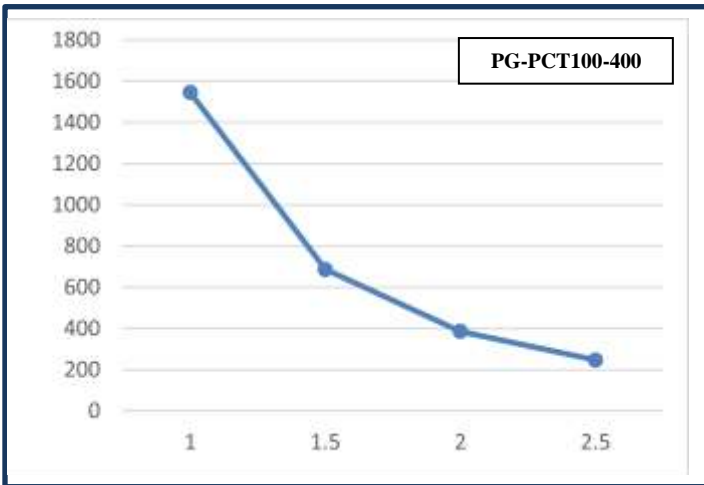
How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	



**Load / Span Graph:**

Code #	Width (W) (mm)	Side Height (H) (mm)	Thickness (mm)
PG-PCT100-400	400	100	2.0

Tested load (W1) (Kg/m)	Tested Span (L1) (m)	Shorter Span (L2) (m)	Load / Span (W2) (Kg/m)
212	2.7	1.0	1545.5
212	2.7	1.5	686.9
212	2.7	2.0	386.5
212	2.7	2.5	247.5



**Performance Standards & Load/Span Class Designations**

**3.1 WORKING (ALLOWABLE) LOAD CAPACITY** The working (allowable) load capacity represents the ability of a cable tray to support the static weight of cables. It is equivalent to the destruction load capacity, as determined by testing in accordance with 4.1 divided by a safety factor of 1.5

**Test Standards**

- 4.1 DESTRUCTION LOAD TEST
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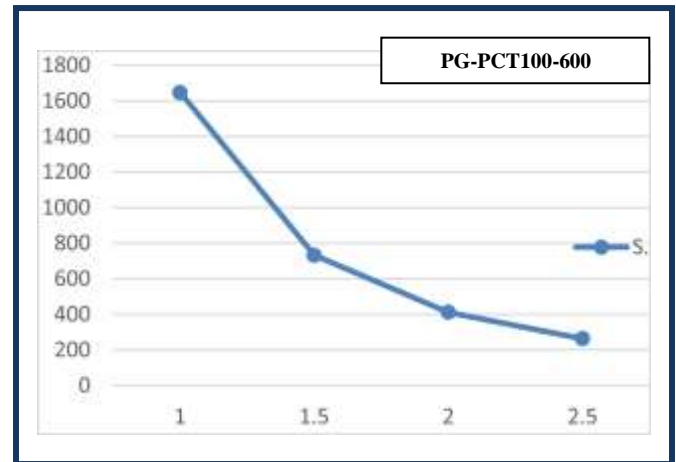
AS per NEMA – VE1 To Calculate a Load of shorter span use:

$$W2 = W1 \times L1^2 / L2^2$$

- W2 : Calculated Load for shorter span
- W1 : Tested load
- L1: Tested Span
- L2: Shorter Span

Code #	Width (W) (mm)	Side Height (H) (mm)	Thickness (mm)
PG-PCT100-600	600	100	2.0

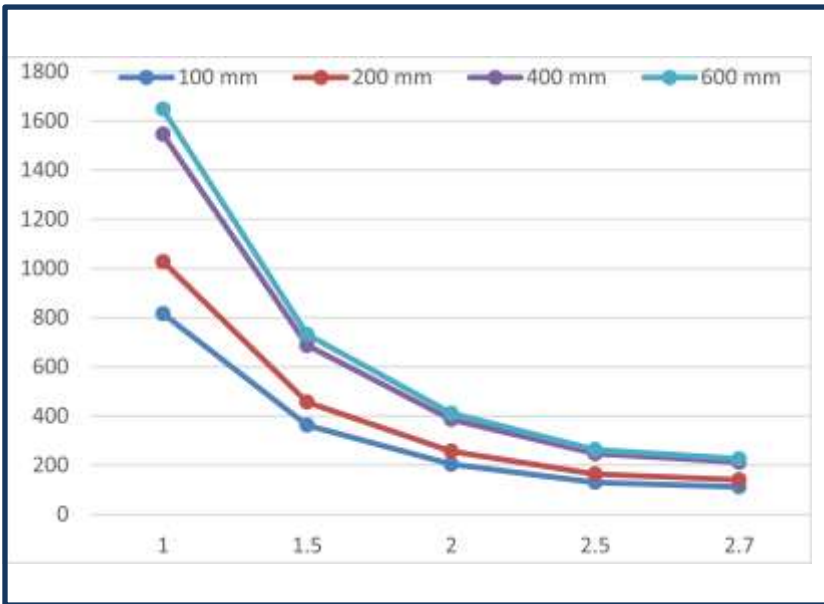
Tested load (W1) (Kg/m)	Tested Span (L1) (m)	Shorter Span (L2) (m)	Load / Span (W2) (Kg/m)
262	2.7	1.0	1647.5
262	2.7	1.5	732.3
262	2.7	2.0	411.9
262	2.7	2.5	263.6



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

**Load / Span Graph For all tested samples:**

Code #	Width (W) (mm)	Side Height (H) (mm)	Thickness (mm)
PG-PCT100-100	100	100	1.5
PG-PCT100-200	200	100	1.5
PG-PCT100-400	400	100	2.0
PG-PCT100-600	600	100	2.0



**Performance Standards & Load/Span Class Designations**

**3.1 WORKING (ALLOWABLE) LOAD CAPACITY** The working (allowable) load capacity represents the ability of a cable tray to support the static weight of cables. It is equivalent to the destruction load capacity, as determined by testing in accordance with 4.1 divided by a safety factor of 1.5

**Test Standards**

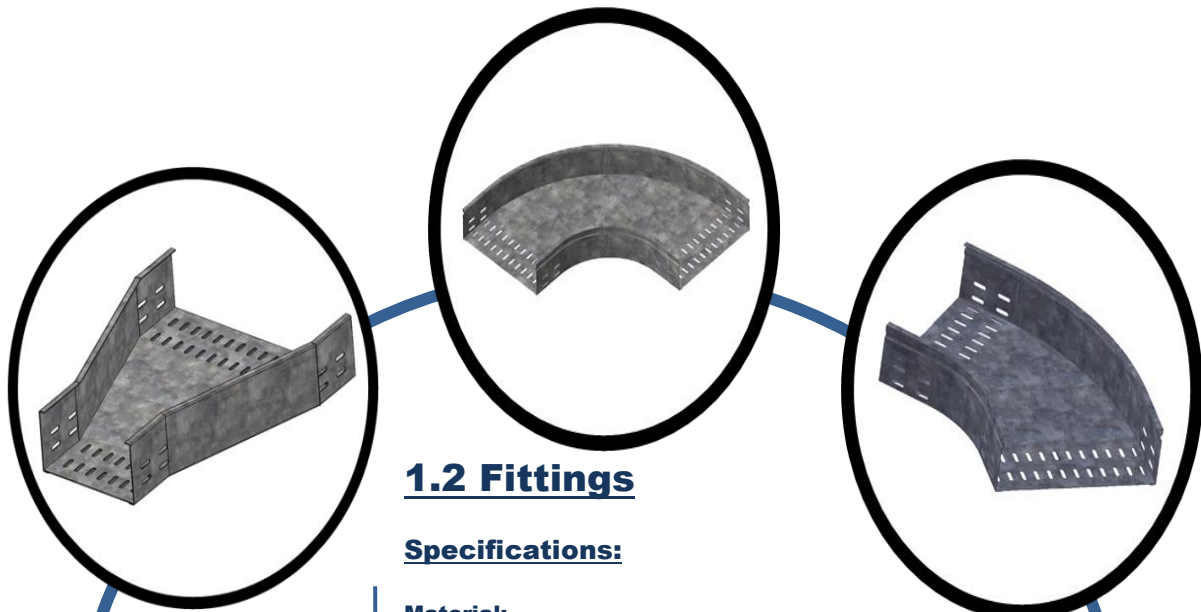
- 4.1 DESTRUCTION LOAD TEST
  - 4.1.1 Test Specimen
  - 4.1.2 Type and Length of Span
  - 4.1.3 Orientation of Specimens

AS per NEMA – VE1 To Calculate a Load of shorter span use:

$$W2 = W1 \times L1^2 / L2^2$$

W2 : Calculated Load for shorter span  
 W1 : Tested load  
 L1: Tested Span  
 L2: Shorter Span

How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	



## 1.2 Fittings

### Specifications:

#### Material:

Carbon Steel / Stainless Steel / Aluminum

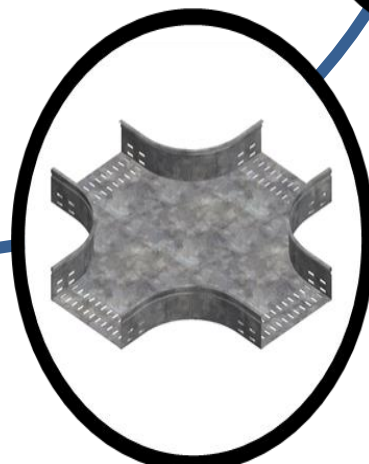
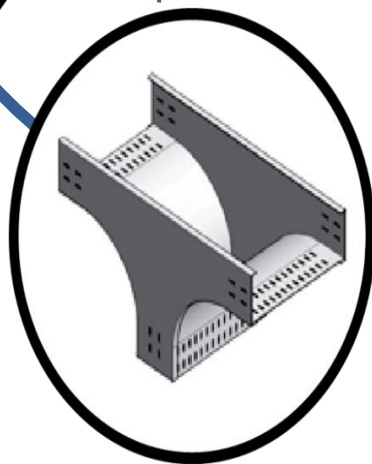
#### Surface Finish:

Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60  $\mu$  m (350-420 gm<sup>2</sup>)

- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

#### Side Standard height:

50 mm - 75 mm - 100 mm - 110 mm



How to order : (Example)

Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.1 Horizontal Elbow 90° :-</b>			
PG-HE9050 -50	50	140	50
PG- HE90100-50	100		
PG- HE90200-50	200		
PG- HE90300-50	300		
PG- HE90400-50	400		
PG- HE90500-50	500		
PG- HE90600-50	600	240	50
PG-HE9050 -75	50		
PG- HE90100-75	100		
PG- HE90200-75	200		
PG- HE90300-75	300		
PG- HE90400-75	400		
PG- HE90500-75	500	140	75
PG- HE90600-75	600		
PG-HE9050 -100	50		
PG- HE90100-100	100		
PG- HE 90200-100	200		
PG- HE90300-100	300		
PG- HE90400-100	400	240	100
PG- HE90500-100	500		
PG- HE90600-100	600		
PG-HE9050 -110	50		
PG- HE90100-110	100		
PG- HE90200-110	200		
PG- HE90300-110	300	140	110
PG- HE90400-110	400		
PG- HE90500-110	500		
PG- HE90600-110	600		
PG- HE90300-110	300		
PG- HE90400-110	400		
PG- HE90500-110	500	240	110
PG- HE90600-110	600		
PG- HE90300-110	300		
PG- HE90400-110	400		
PG- HE90500-110	500		
PG- HE90600-110	600		

### 1.2.1 Horizontal Elbow 90°

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

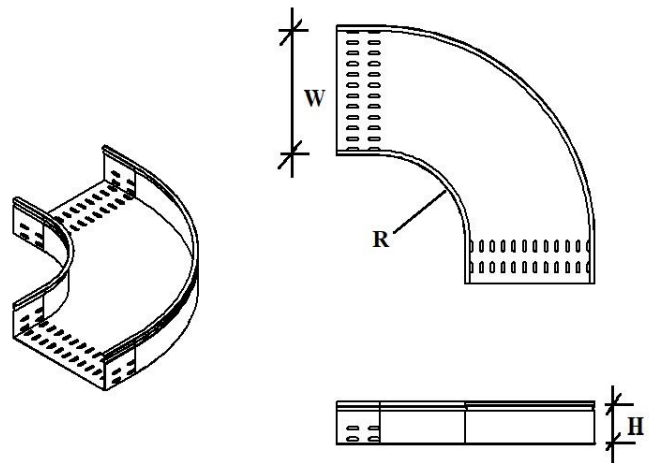
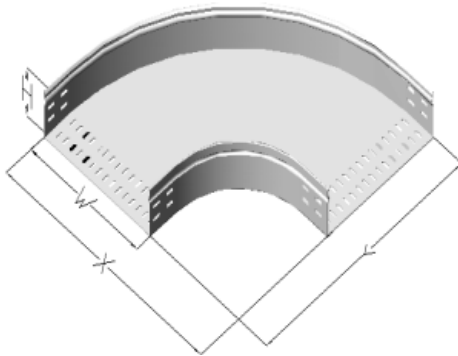
**Surface Finish:**

- Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	T : Thickness (1.0/1.25 /1.5 /2.0)mm
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.2 Horizontal Elbow 45° :-</b>			
PG-HE450 -50	50	140	50
PG- HE450100-50	100		
PG- HE45200-50	200		
PG- HE45300-50	300		
PG- HE45400-50	400		
PG- HE45500-50	500		
PG- HE45600-50	600	240	50
PG-HE4550 -75	50		
PG- HE45100-75	100		
PG- HE45200-75	200		
PG- HE45300-75	300		
PG- HE45400-75	400		
PG- HE45500-75	500	140	75
PG- HE45600-75	600		
PG-HE4550 -100	50		
PG- HE45100-100	100		
PG- HE45200-100	200		
PG- HE45300-100	300		
PG- HE45400-100	400	240	100
PG- HE45500-100	500		
PG- HE45600-100	600		
PG-HE4550 -110	50		
PG- HE45100-110	100		
PG- HE45200-110	200		
PG- HE45300-110	300	140	110
PG- HE45400-110	400		
PG- HE45500-110	500		
PG- HE45600-110	600		
PG- HE45300-110	300		
PG- HE45400-110	400		
PG- HE45500-110	500	240	110
PG- HE45600-110	600		
PG- HE45100-110	100		
PG- HE45200-110	200		
PG- HE45300-110	300		
PG- HE45400-110	400		

### 1.2.2 Horizontal Elbow 45°

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

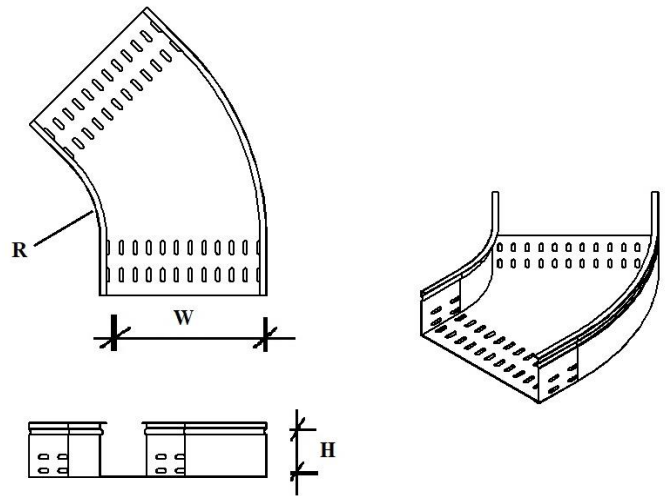
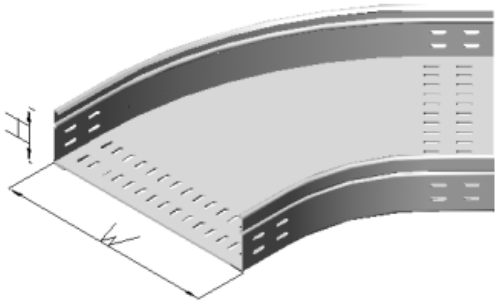
**Surface Finish:**

- Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.3 Vertical Inside Elbow 90° :-</b>			
PG-VIE9050 -50	50	140	50
PG- VIE90100-50	100		
PG- VIE90200-50	200		
PG- VIE90300-50	300		
PG- VIE90400-50	400		
PG- VIE90500-50	500		
PG- VIE90600-50	600	240	50
PG-VIE9050 -75	50		
PG- VIE90100-75	100		
PG- VIE90200-75	200		
PG- VIE90300-75	300		
PG- VIE90400-75	400		
PG- VIE90500-75	500	140	75
PG- VIE90600-75	600		
PG-VIE9050 -100	50		
PG- VIE90100-100	100		
PG- VIE90200-100	200		
PG- VIE90300-100	300		
PG- VIE90400-100	400	240	100
PG- VIE90500-100	500		
PG- VIE90600-100	600		
PG-VIE9050 -110	50		
PG- VIE90100-110	100		
PG- VIE90200-110	200		
PG- VIE90300-110	300	140	110
PG- VIE90400-110	400		
PG- VIE90500-110	500		
PG- VIE90600-110	600		
PG- VIE90400-110	400		
PG- VIE90500-110	500		
PG- VIE90600-110	600	240	110
PG- VIE90500-110	500		
PG- VIE90600-110	600		

### 1.2.3 Vertical Inside Elbow 90°

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

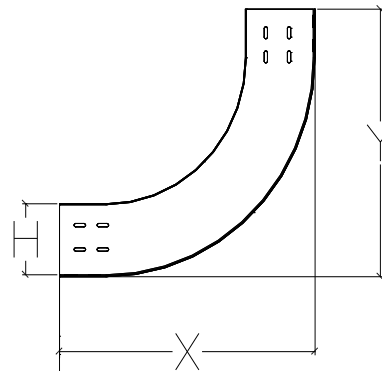
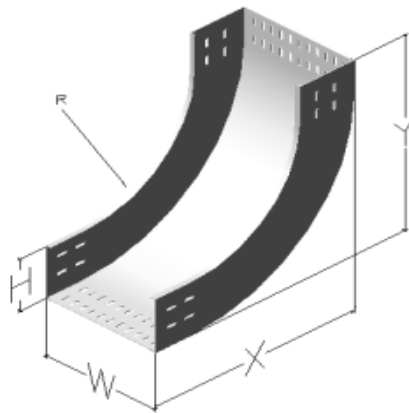
**Surface Finish:**

- Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**



How to order :	(Example) PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.5 Vertical Outside Elbow 90° :-</b>			
PG-VOE9050 -50	50	140	50
PG- VOE90100-50	100		
PG- VOE90200-50	200		
PG- VOE90300-50	300		
PG- VOE90400-50	400		
PG- VOE90500-50	500		
PG- VOE90600-50	600	240	50
PG-VOE9050 -75	50		
PG- VOE90100-75	100		
PG- VOE90200-75	200		
PG- VOE90300-75	300		
PG- VOE90400-75	400		
PG- VOE90500-75	500	140	75
PG- VOE90600-75	600		
PG-VOE9050 -100	50		
PG- VOE90100-100	100		
PG- VOE90200-100	200		
PG- VOE90300-100	300		
PG- VOE90400-100	400	240	100
PG- VOE90500-100	500		
PG- VOE90600-100	600		
PG-VOE9050 -110	50		
PG- VOE90100-110	100		
PG- VOE90200-110	200		
PG- VOE90300-110	300	140	110
PG- VOE90400-110	400		
PG- VOE90500-110	500		
PG- VOE90600-110	600		
PG- VOE90300-110	300		
PG- VOE90400-110	400		
PG- VOE90500-110	500	240	110
PG- VOE90600-110	600		
PG- VOE90300-110	300		
PG- VOE90400-110	400		
PG- VOE90500-110	500		
PG- VOE90600-110	600		

### 1.2.5 Vertical Outside Elbow 90°

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

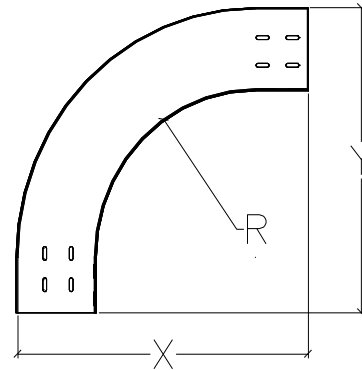
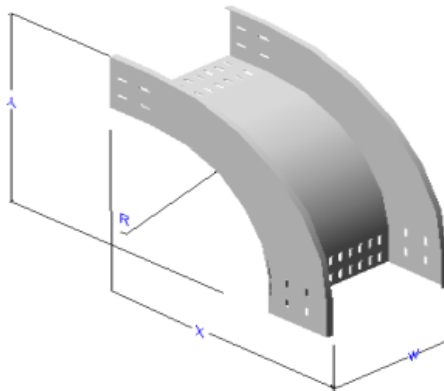
**Surface Finish:**

- Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	T: Thickness (1.0/1.25 /1.5 /2.0)mm
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

### 1.2.6 Vertical Outside Elbow 45°

#### Specifications:

#### Material:

Steel / Stainless Steel / Aluminum

#### Surface Finish:

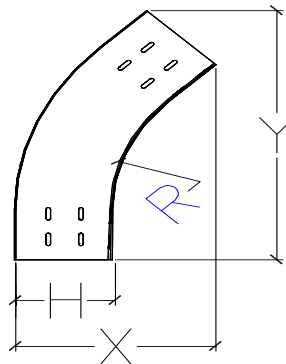
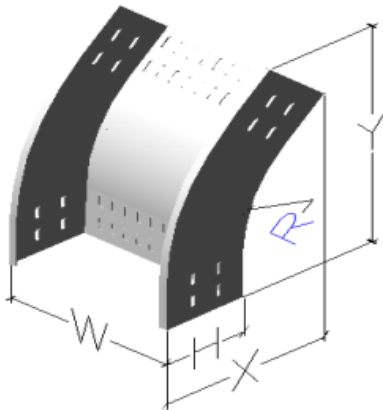
- Hot-dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60  $\mu$  m (350-420  $\text{gm}^2$ )
- Pre galvanized according to DIN 17162 on both sides 275  $\text{gm}/\text{m}^2$ .
- Electrostatic Painting.
- Electroplated.

#### Side Standard height:

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.6 Vertical Outside Elbow 45° :-</b>			
PG-VOE4550 -50	50	140	50
PG- VOE45100-50	100		
PG- VOE45200-50	200		
PG- VOE45300-50	300		
PG- VOE45400-50	400		
PG- VOE45500-50	500		
PG- VOE45600-50	600	240	50
PG-VOE4550 -75	50		
PG- VOE45100-75	100		
PG- VOE45200-75	200		
PG- VOE45300-75	300		
PG- VOE45400-75	400		
PG- VOE45500-75	500	140	75
PG- VOE45600-75	600		
PG-VOE4550 -100	50		
PG- VOE45100-100	100		
PG- VOE45200-100	200		
PG- VOE45300-100	300		
PG- VOE45400-100	400	240	100
PG- VOE45500-100	500		
PG- VOE45600-100	600		
PG-VOE4550 -110	50		
PG- VOE45100-110	100		
PG- VOE45200-110	200		
PG- VOE45300-110	300	140	110
PG- VOE45400-110	400		
PG- VOE45500-110	500		
PG- VOE45600-110	600		
PG- VOE45300-110	300		
PG- VOE45400-110	400		
PG- VOE45500-110	500	240	110
PG- VOE45600-110	600		



How to order : (Example)

PG-PCT50-100 - S - SOT - HD - T

Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.7 Horizontal Tee</b>			
PG-HT50 -50	50	140	50
PG- HT100-50	100		
PG- HT200-50	200		
PG- HT300-50	300		
PG- HT400-50	400		
PG- HT500-50	500		
PG- HT600-50	600	240	50
PG- HT50 -75	50		
PG- HT 100-75	100		
PG- HT200-75	200		
PG- HT300-75	300		
PG- HT400-75	400		
PG- HT500-75	500	140	75
PG- HT600-75	600		
PG- HT50-100	50		
PG- HT100-100	100		
PG- HT200-100	200		
PG- HT300-100	300		
PG- HT400-100	400	240	100
PG- HT500-100	500		
PG- HT600-100	600		
PG- HT50 -110	50		
PG- HT100-110	100		
PG- HT200-110	200		
PG- HT300-110	300	140	110
PG- HT400-110	400		
PG- HT500-110	500		
PG- HT600-110	600		
PG- HT50 -110	50		
PG- HT100-110	100		
PG- HT200-110	200	240	110
PG- HT300-110	300		
PG- HT400-110	400		
PG- HT500-110	500		
PG- HT600-110	600		
PG- HT600-110	600		

### 1.2.7 Horizontal Tee

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

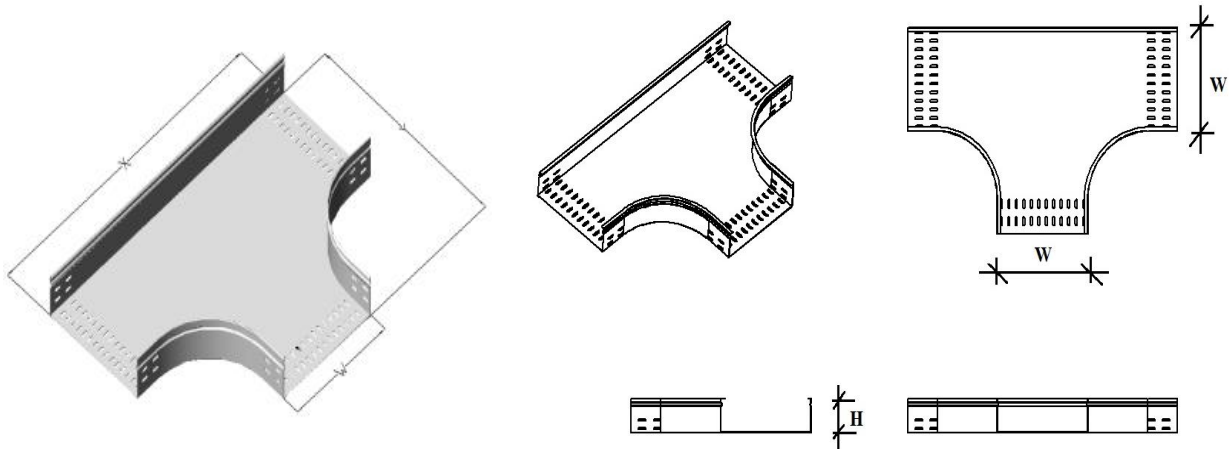
**Surface Finish:**

- Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.8 Vertical Tee</b>			
PG-VT50 -50	50	140	50
PG- VT100-50	100		
PG- VT200-50	200		
PG- VT300-50	300		
PG- VT400-50	400		
PG- VT500-50	500		
PG- VT600-50	600	240	50
PG- VT50 -75	50		
PG- VT 100-75	100		
PG- VT200-75	200		
PG- VT300-75	300		
PG- VT400-75	400		
PG- VT500-75	500	140	75
PG- VT600-75	600		
PG- VT50-100	50		
PG- VT100-100	100		
PG- VT200-100	200		
PG- VT300-100	300		
PG- VT400-100	400	240	100
PG- VT500-100	500		
PG- VT600-100	600		
PG- VT50 -110	50		
PG- VT100-110	100		
PG- VT200-110	200		
PG- VT300-110	300	140	110
PG- VT400-110	400		
PG- VT500-110	500		
PG- VT600-110	600		
PG- VT50 -110	50		
PG- VT100-110	100		
PG- VT200-110	200	240	110
PG- VT300-110	300		
PG- VT400-110	400		
PG- VT500-110	500		
PG- VT600-110	600		
PG- VT600-110	600		

### 1.2.8 Vertical Tee

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

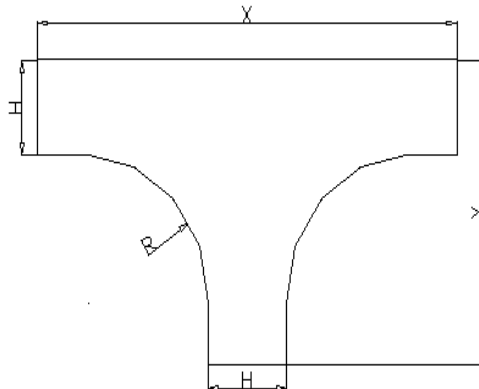
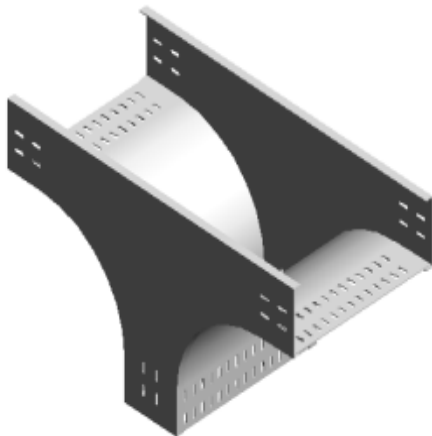
**Surface Finish:**

- Hot-dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm

**Standard Radius: 140 mm & 240 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

Code #	Width (mm)	Radius (mm)	Height (mm)
<b>1.2.9 Horizontal Cross</b>			
PG-HC50 -50	50	140	50
PG- HC100-50	100		
PG- HC200-50	200		
PG- HC300-50	300		
PG- HC400-50	400		
PG- HC500-50	500		
PG- HC600-50	600	240	50
PG- HC50 -75	50		
PG- HC100-75	100		
PG- HC200-75	200		
PG- HC300-75	300		
PG- HC400-75	400		
PG- HC500-75	500	140	75
PG- HC600-75	600		
PG- HC50-100	50		
PG- HC100-100	100		
PG- HC200-100	200		
PG- HC300-100	300		
PG- HC400-100	400	240	100
PG- HC500-100	500		
PG- HC600-100	600		
PG- HC50 -110	50		
PG- HC100-110	100		
PG- HC200-110	200		
PG- HC300-110	300	140	110
PG- HC400-110	400		
PG- HC500-110	500		
PG- HC600-110	600		
PG- HC50 -110	50		
PG- HC100-110	100		
PG- HC200-110	200	240	110
PG- HC300-110	300		
PG- HC400-110	400		
PG- HC500-110	500		
PG- HC600-110	600		
PG- HC600-110	600		

### 1.2.9 Horizontal Cross

**Specifications:**

**Material:**

Steel / Stainless Steel / Aluminum

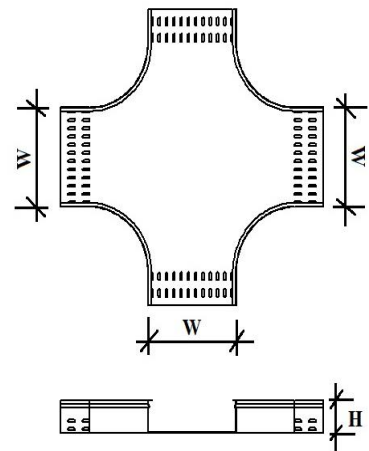
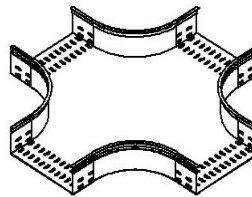
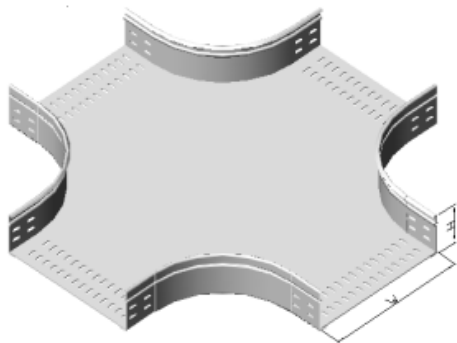
**Surface Finish:**

- Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**

50 mm – 75 mm – 100 mm - 110 mm


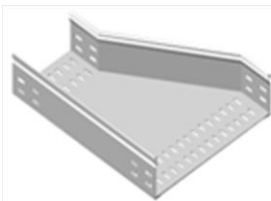
**Standard Radius: 140 mm & 240 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

Code #	Width(mm) W2/W1	Length (mm)	Shape
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### 1.2.10 Horizontal Reducers

PG- HRCN200	200/100	500	
PG- HRCN300	300/ ----		
PG- HRCN400	400/ ----		
PG- HRCN500	500/ ----		
PG- HRCN600	600/ ----		
PG- HRCN700	700/ ----		
PG- HRCN800	800/ ----		
PG- HRRH200	200/100		
PG- HRRH300	300/ ----		
PG- HRRH400	400/ ----		
PG- HRRH500	500/ ----		
PG- HRRH600	600/ ----		
PG- HRRH700	700/ ----		
PG- HRRH800	800/ ----		
PG- HRLH200	200/100	500	
PG- HRLH300	300/ ----		
PG- HRLH400	400/ ----		
PG- HRLH500	500/ ----		
PG- HRLH600	600/ ----		
PG- HRLH700	700/ ----		
PG- HRLH800	800/ ----		

### 1.2.10 Horizontal Reducers

**Material:**

Steel / Stainless Steel / Aluminum

**Surface Finish:**

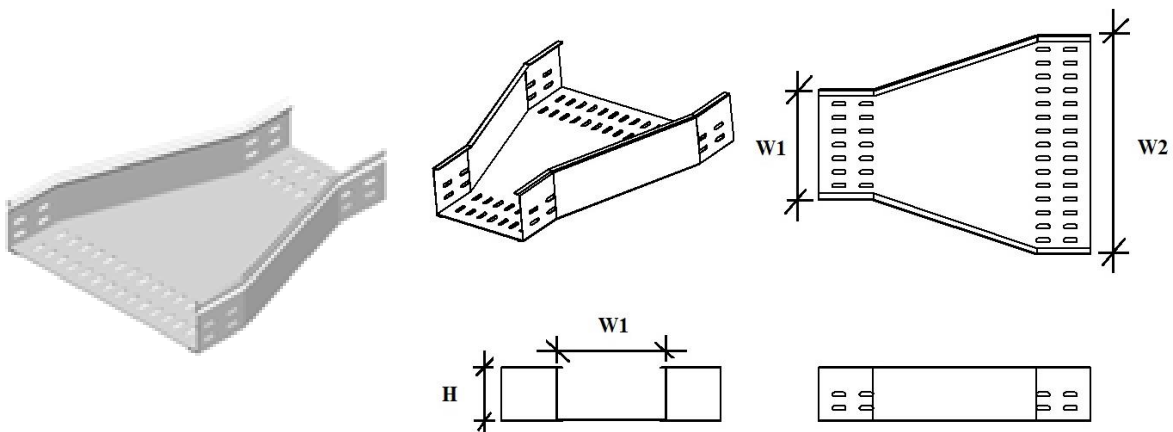
Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60  $\mu$  m (350-420 gm<sup>2</sup>)

- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Side Standard height:**


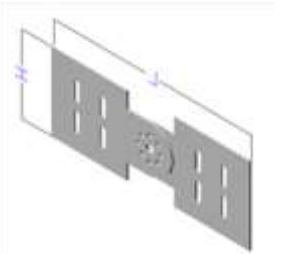
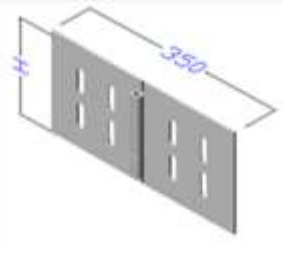
50 mm - 75 mm - 100 mm - 110 mm

**Standard Length: 500 mm**



How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width	
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T: Thickness (1.0/1.25 /1.5 /2.0)mm	
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray		
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated	

### 1.2.11 Adjustable change level connectors

Code #	Part Name	Shape
PG- SPP-50	<b>Splice Plate</b>	
PG- SPP-75		
PG- SPP-100		
PG- SPP-110		
PG- AVC-50	<b>Adjustable Vertical Connection</b>	
PG- AVC -75		
PG- AVC -100		
PG- AVC -110		
PG- AHC-50	<b>Adjustable Horizontal Connection</b>	
PG- AHC -75		
PG- AHC -100		
PG- AHC -110		

### 1.2.11 Adjustable change level connectors

**Material:**

Steel / Stainless Steel / Aluminum

**Surface Finish:**

Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60  $\mu$  m (350-420 gm<sup>2</sup>)

- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**For Tray Side Standard height:**  
50 mm – 75 mm – 100 mm - 110 mm

How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T		
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

### 1.3.1 Solid Covers

**Material:**

Steel / Stainless Steel / Aluminum

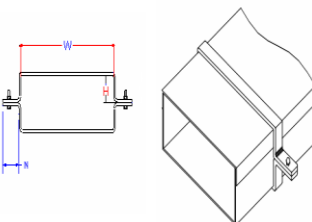
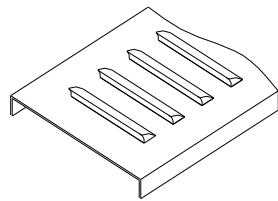
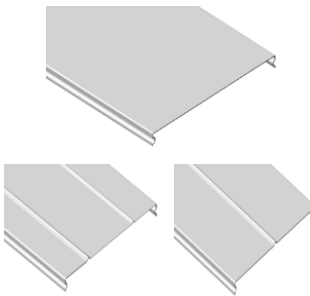
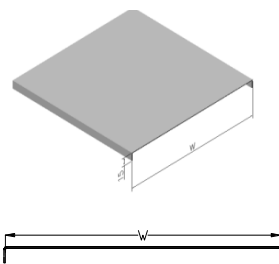
**Surface Finish:**

Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976

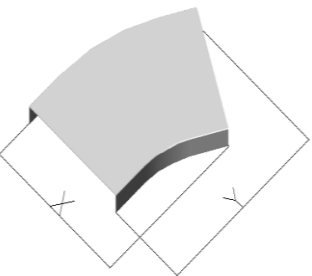
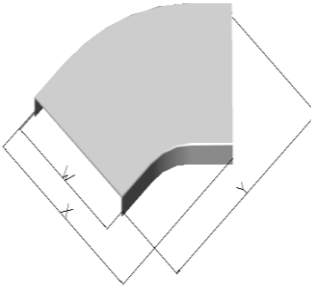
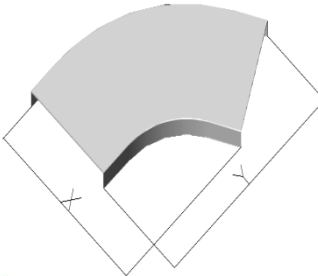
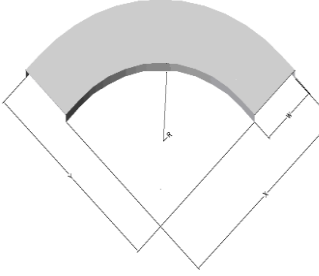
- zinc coating thickness on one side 50-60  $\mu$  m (350-420 gm<sup>2</sup>)
- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Standard Thickness:** 1.0 mm – 1.25 mm – 1.5 mm – 2.0 mm

#### 1.3.1 Solid Cover

Cover Clamp	Ventilated Cover	Snap-On Cover	Solid cover with flange
			
<b>PG-CCP</b>	<b>PG-VC</b>	<b>PG- SOC</b>	<b>PG- FC</b>

#### 1.3.2 Horizontal Solid Cover for Cable Tray Fittings

Cover for H. Elbow 30°	Cover for H. Elbow 45°	Cover for H. Elbow 60°	Cover for H. Elbow 90°
			
<b>PG-F-CHE30</b>	<b>PG-F-CHE45</b>	<b>PG-F-CHE60</b>	<b>PG-F-CHE90</b>

How to order :	(Example)	PG-PCT50-100 - S - SOT - HD - T		
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

### 1.3.2 Horizontal Solid Cover for Cable Tray Fittings

**Material:**

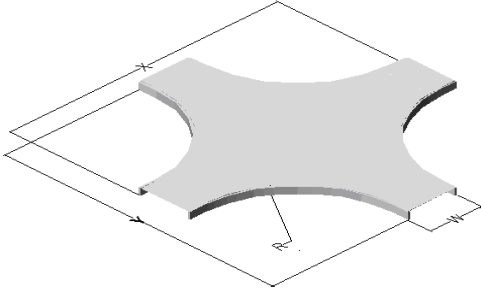
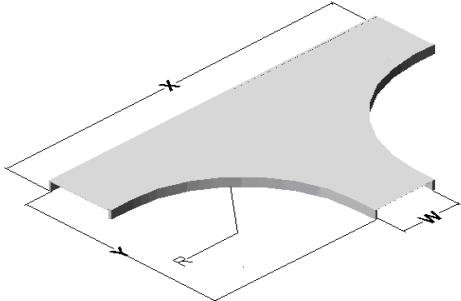
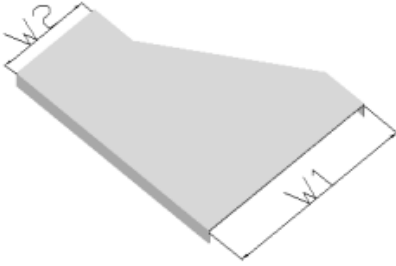
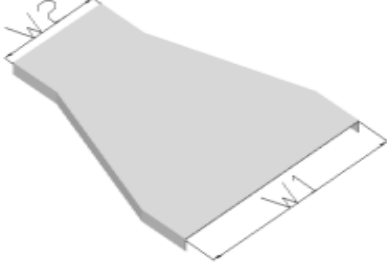
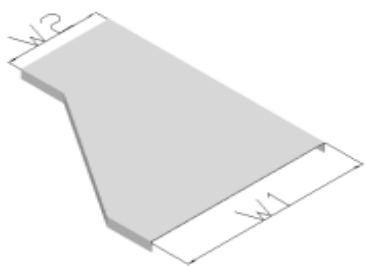
Steel / Stainless Steel / Aluminum

**Surface Finish:**

Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60  $\mu$  m (350-420 gm<sup>2</sup>)

- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Standard Thickness:** 1.0 mm – 1.25 mm – 1.5 mm – 2.0 mm

<u>Horizontal Cross Cover</u>		<u>Horizontal Tee Cover</u>	
			
<b>PG-F-HCRC</b>		<b>PG-F-HTC</b>	
<u>(L/H) H. Reducer Cover</u>	<u>H. Offset Reducer Cover</u>	<u>(R/H) H. Reducer Cover</u>	
			
<b>PG-F-HRDC-LH</b>	<b>PG-F-HRDC-CN</b>	<b>PG-F-HRDC-RH</b>	

How to order :	(Example) PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

### 1.3.3 Vertical Solid Cover for Cable Tray Fittings

**Material:**

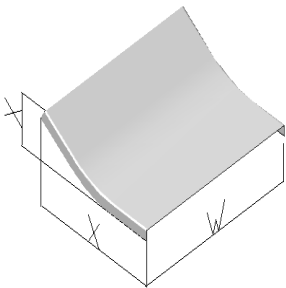
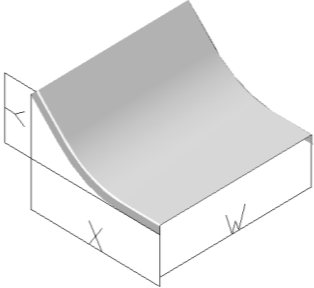
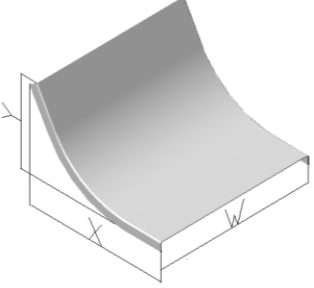
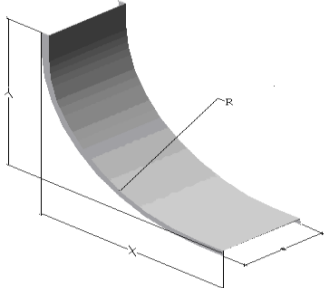
Steel / Stainless Steel / Aluminum

**Surface Finish:**

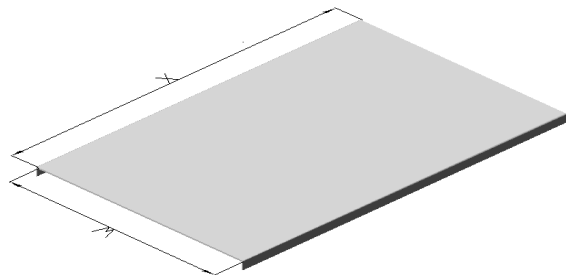
Hot-dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60 μ m (350-420 gm<sup>2</sup>)

- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

**Standard Thickness:** 1.0 mm – 1.25 mm – 1.5 mm – 2.0 mm

<u>Cover for V. Elbow 30°</u>	<u>Cover for V. Elbow 45°</u>	<u>Cover for V. Elbow 60°</u>	<u>Cover for V. Elbow 90°</u>
			
<b>PG-F-CVE30</b>	<b>PG-F-CVE45</b>	<b>PG-F-CVE60</b>	<b>PG-F-CVE90</b>

**Vertical Tee Cover**



**PG-F-VTC**

How to order :	(Example) PG-PCT50-100 - S - SOT - HD - T			
Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated

## 1.4 Accessories






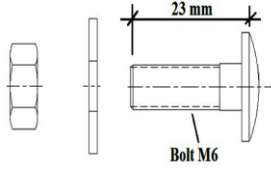



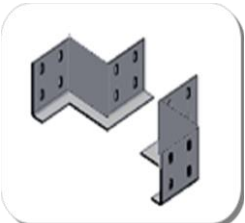
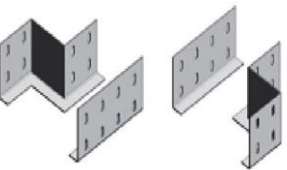
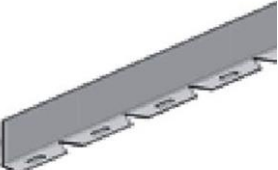
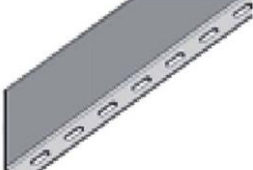

**Material:**

Steel / Stainless Steel / Aluminum

**Surface Finish:**

Hot- dip galvanized after fabrication according to ASTM A123 & DIN 50976 - zinc coating thickness on one side 50-60  $\mu$  m (350-420 gm<sup>2</sup>)

- Pre galvanized according to DIN 17162 on both sides 275 gm./m.
- Electrostatic Painting.
- Electroplated.

<b>PG-UWB-WP</b>	<b>PG-CWB-WP</b>		
			
U- Shape Wall Bracket with welded plate	C-Shape Wall Bracket with welded plate		
<b>PG-LWB</b>	<b>PG-DCWB-WP</b>	<b>PG-SN</b>	<b>PG-BWN</b>
			
L - Shape Wall Bracket	Double C-Shape Wall Bracket W/ welded plate	Spring Nut	Bolt with Washer and Nut
<b>PG-3CWB-UC</b>	<b>PG-UWB-UC</b>	<b>PG-BEP</b>	<b>PG-CRSP</b>
			
3-Levels Wall Bracket W/ U-Channel	U- Shape Wall Bracket W/ U-Channel	Blind End Plate	Center Reducing Splice plate
<b>PG-RHRSP / PG-LHRSP</b>	<b>PG-HES</b>	<b>PG-SES</b>	<b>PG-VIES</b>
			
R/H & L/H Reducing Splice plate	Horizontal Elbow separator	Straight Element separator	Vertical inside Elbow separator

How to order : (Example)

Code Description :	PG : PG-Line	PCT : Perforated Cable Tray	50 : Tray Side Height	100 : Tray Width
Material Type :	S : Steel	SS : Stainless Steel	AL : Aluminum	T:Thickness (1.0/1.25 /1.5 /2.0)mm
Type of Tray side :	U : U-Shape	I : Internal Return Flange	SOT : Snap-On Tray	
Surface Finish :	P : Pre-Galvanized	HD : Hot Dip Galvanized	ES : Electrostatic Painted	EP : Electroplated