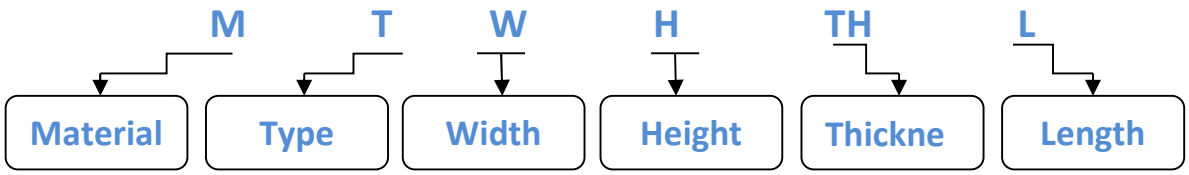
Straight Tray key :

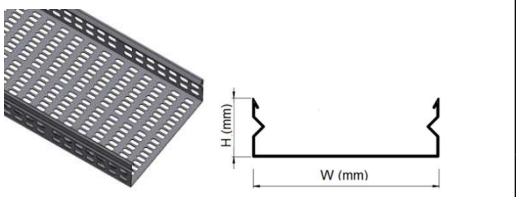
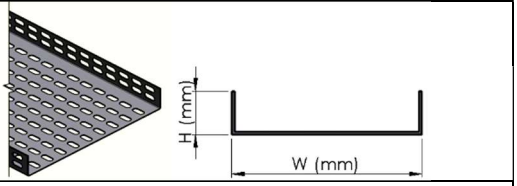
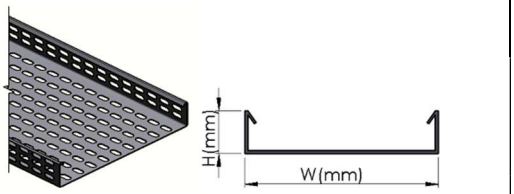
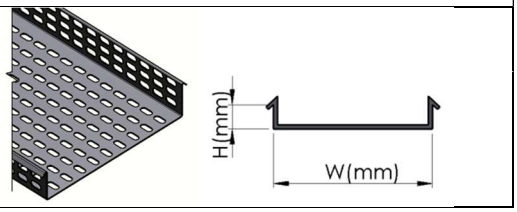
Cable Tray Order Key:

First technology description



Example : **HD CN 300x50x1.25x2500**

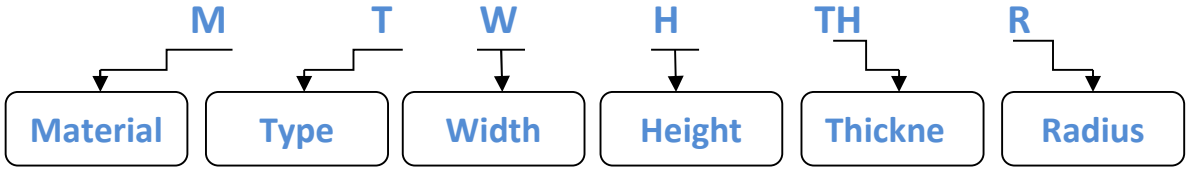
Hot dip galvanized after fabrication, U shape perforated cable tray.300mm width, 50mm height, 1.25mm thickness, 2500mm length.

Material (M)		Type (T)		W mm	H mm	TH mm	L mm	Design
HD	Hot-Dip galvanized steel after fabrication	CR	Snap On tray	50 : 600	50	1	2000	
PG	Pre galvanized steel					1.25		
EP	Electro plated steel after fabrication	CN	U shape			1.5		
ES	Electro static powder coated steel	CF1	Internal flange		75	2	2500	
SS 304	Stainless steel 304			700 : 1000	100	2	3000	
SS 316	Stainless steel 316	CF2	External flange					

2-Cable Tray Fitting:

- **Fitting Order Key :**

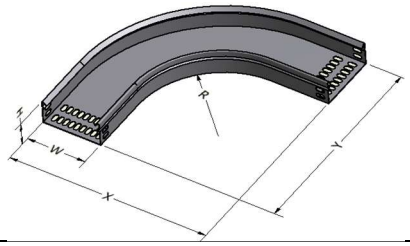
First technology description



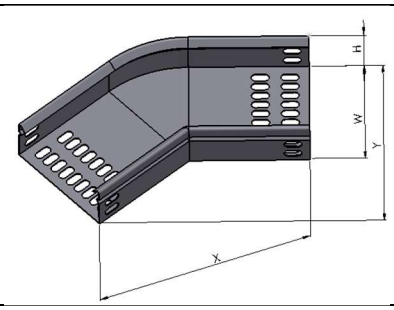
Example: **HD CTF1 250x50x1.25xR (140)**

Hot dip galvanized after fabrication, (Horizontal elbow 90°) .250mm width, 50mm height, 1.25mm thickness, 140mm radius.

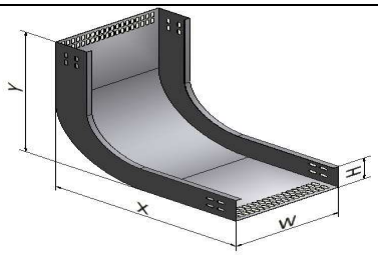
Material (M)		Fitting Type (T)		W mm	H mm	TH mm	R mm
HD	Hot-Dip galvanized Steel after Fabrication	CTF1	Horizontal elbow 90°	50	50	1	140
		CTF2	Horizontal elbow 45°	100			
PG	Pre galvanized steel	CTF3	Vertical inside elbow 90°	200		1.25	
EP	Electro plated steel after Fabrication	CTF4	Vertical inside elbow 45°	300	75		
		CTF5	Vertical outside elbow 90°				
ES	Electro static powder coated steel	CTF6	Vertical outside elbow 45°	400	100	1.5	240
SS304	Stainless steel 304	CTF7	Horizontal TEE	500		2	
		CTF8	Horizontal offset TEE	600			
SS3016	Stainless steel 316	CTF9	Vertical Tee				
		CTF10	Horizontal cross				

W (mm)	H (mm)	(x)	(y)	R (mm)	Design
50	50 To 100	290	290	140	
100		340	340		
200		440	440		
300		640	640	240	
400		740	740		
500		840	840		
600		940	940		

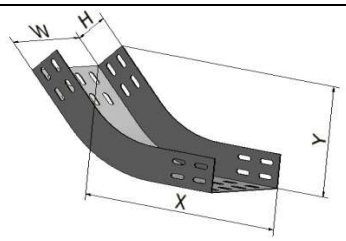
- **Horizontal Elbow 45°**

W (mm)	H (mm)	(x)	(y)	R (mm)	Design
50	50 To 100	161	305	140	
100		211	340		
200		311	411		
300		441	552	240	
400		541	623		
500		641	694		
600		741	764		

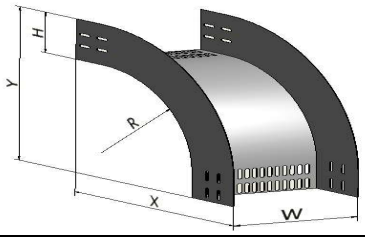
- **Vertical inside Elbow 90°**

H (mm)	W (mm)	(x)	(y)	R (mm)	Design
50	50 : 200	290	290	140	
80		320	320		
100		340	340		
50	300 : 600	390	390	240	
60		400	400		
80		420	420		
100		440	440		

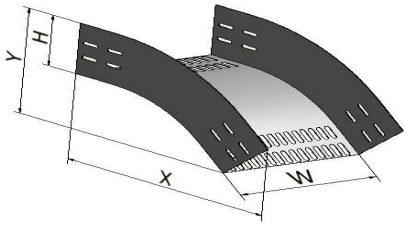
- **Vertical inside Elbow 45°**

H (mm)	W (mm)	(x)	(y)	R (mm)	Design
50	50 : 200	305	162	140	
80		326	192		
100		340	212		
50	300 : 600	376	191	240	
60		383	201		
80		397	221		
100		411	241		

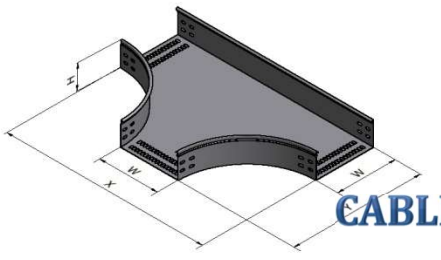
- **Vertical outside Elbow 90°**

H (mm)	W (mm)	(x)	(y)	R (mm)	Design
50	50 : 200	290	290	140	
80		320	320		
100		340	340		
50	300 : 600	390	390	240	
60		400	400		
80		420	420		
100		440	440		

- **Vertical outside Elbow 45°**

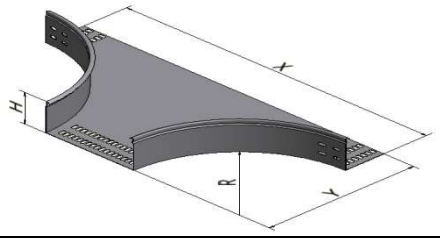
H (mm)	W (mm)	(x)	(y)	R (mm)	Design
50	50 : 200	305	162	140	
80		326	192		
100		340	212		
50	300 : 600	376	191	240	
60		383	201		
80		397	221		
100		411	241		

- **Horizontal Tee**

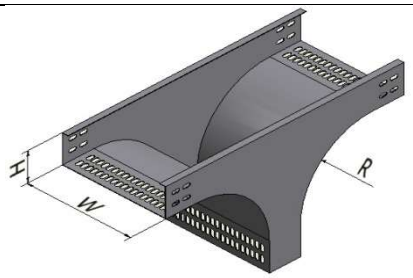
W (mm)	H (mm)	(x)	(y)	R (mm)	Design
50	50 : 100	530	290	140	
100		580	340		
200		680	440		
300		980	640	240	
400		1080	740		
500		1180	840		
600		1280	940		

CABLE TRAY

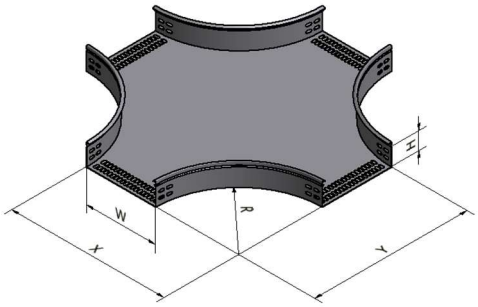
- **Horizontal Offset Tee**

W (mm)	H (mm)	(x)	(y)	R (mm)	Design
50	50 : 100	530	290	140	
100		580	340		
200		680	440		
300		980	640	240	
400		1080	740		
500		1180	840		
600		1280	940		

- **Vertical Tee**

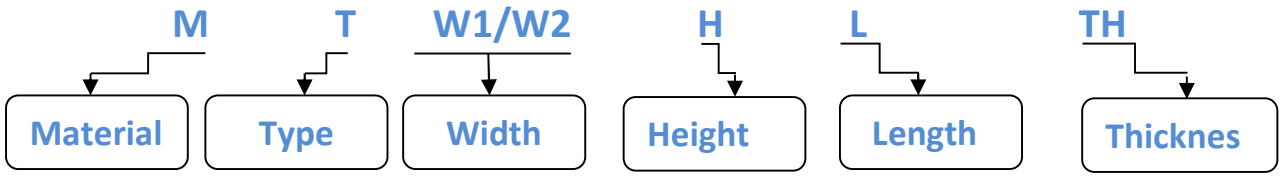
W (mm)	H (mm)	R (mm)	Design
50	50 : 100	140	
100			
200			
300		240	
400			
500			
600			

- **Horizontal Cross**

W (mm)	H (mm)	(x)	(y)	R (mm)	Design
50	50 : 100	530	530	140	
100		580	580		
200		680	680		
300		980	980	240	
400		1080	1080		
500		1180	1180		
600		1280	1280		

- **Reducer Order Key :**

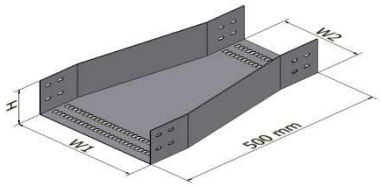
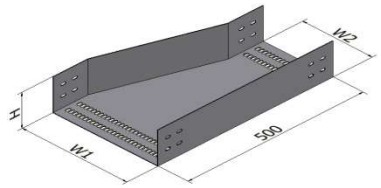
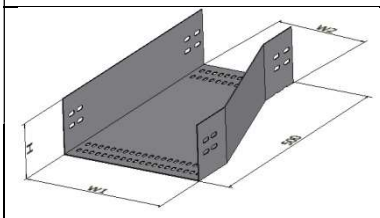
First technology description



Example: **HD CTF11 100/200 50x500x1.25**

Hot dip galvanized after fabrication (Center Reducer).W1 (100mm)/W2 (200mm) Width, 50mm Height, 500mm Length, and 1.25mm thickness.

- **Center Reducer**

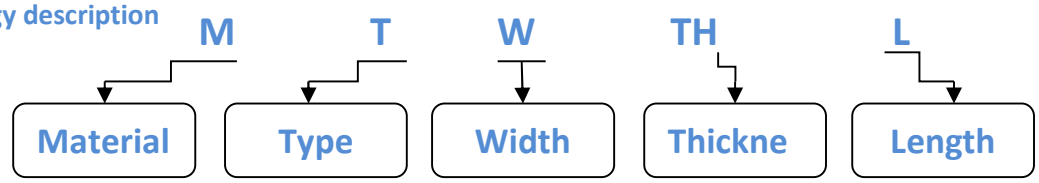
Material (M)		Fitting Type (T)		W1/W2 mm	H mm	L mm	TH mm	Design
HD	Hot-Dip galvanized steel after fabrication	CTF11	Center	W1&W2	100 as standard (Other heights upon request)	500	1 1.25	
PG	Pre galvanized steel							
EP	Electro plated steel after fabrication	CTF12	Right Hand					
ES	Electro static powder coated steel							
SS304	Stainless steel 304	CTF13	Lift Hand					
SS3016	Stainless steel 316							

CABLE TRAY

Cable Tray Accessories:

- Cover order key:

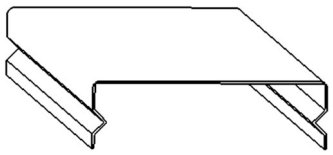
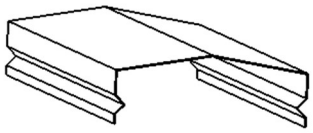
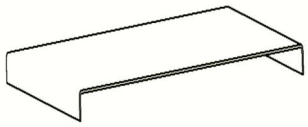
First technology description



Example: **HD CTC 250x1x2500**

Hot dip galvanized after fabrication, Snap on Cover for cable tray .250 mm width, 1mm thickness, 2500mm length.

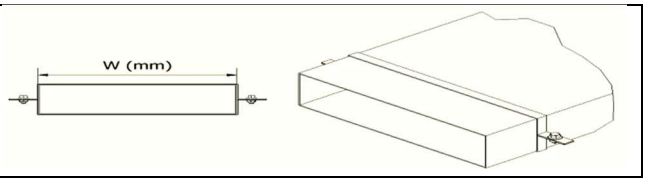
***Cable tray cover width 700 to 1000 mm is available upon request.

Material (M)		Type (T)		W mm	TH mm	L mm	Design
HD	Hot-Dip galvanized steel after fabrication	Flat Snap On Cover	CTC	All properties Of cover are the same properties of its tray	1 1.25 1.5	2000 2500 3000	
PG	Pre galvanized steel						
EP	Electro plated steel after fabrication	Pyramid Snap on Cover	CTPC				
ES	Electro static powder coated steel						
SS304	Stainless steel 304	U-Shape Cover	CTUC				
SS3016	Stainless steel 316						

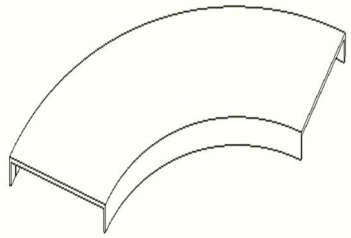
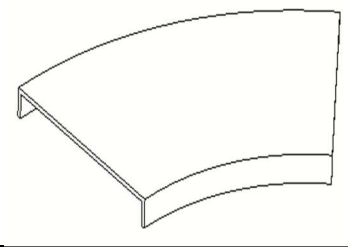
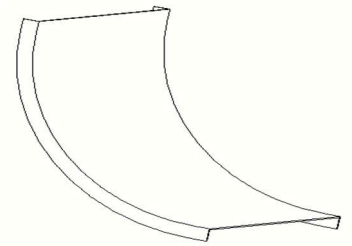
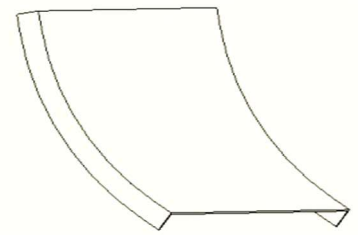
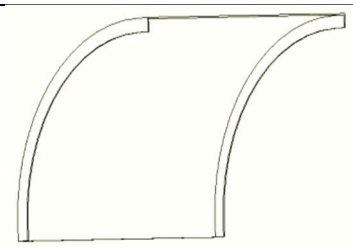
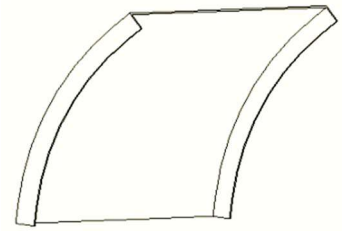
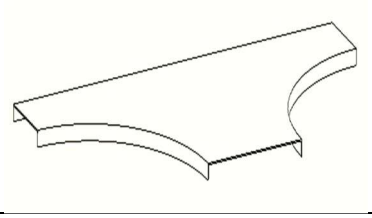
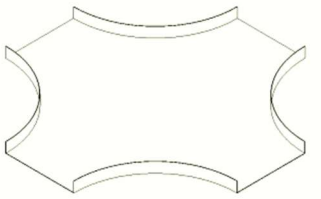
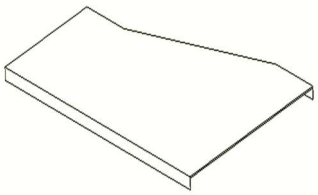
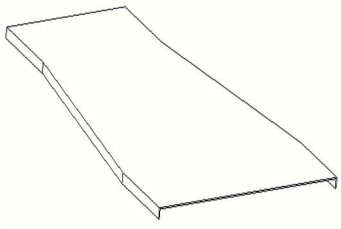
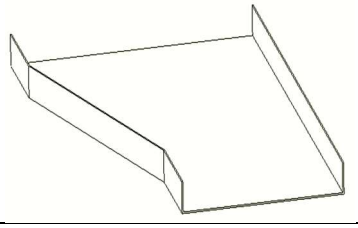
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CABLE TRAY

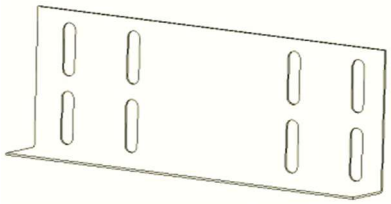
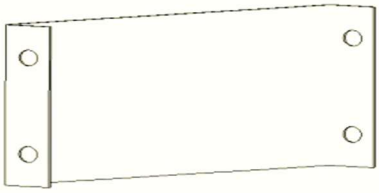
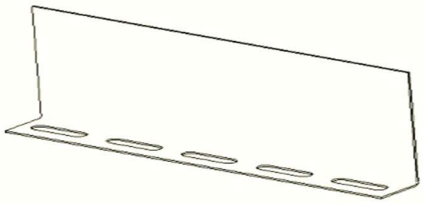
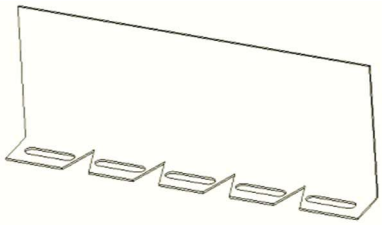
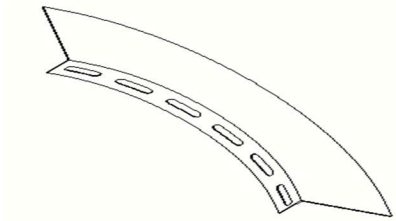
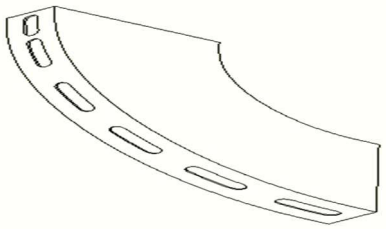
2-Cover Clamp:

**cover clamp for fixing U-shape Cover **Width of Cover clamp equal to cable tray width +2mm	

3-Cable Tray Fitting Cover:

* All Properties of cover are the same properties of its cover of straight elements.		
		
1- Horizontal Elbow 90° Cover	2- Horizontal Elbow 45° Cover	3- Vertivcal inside Elbow 90° Cover
		
4- Vertivcal inside Elbow 45° Cover	5- Vertivcal outside Elbow 90° Cover	6- Vertivcal outside Elbow 45° Cover
		
7- Horizontal Tee Cover	8- Vertical Tee Cover	9- Horizontal Cross Cover
		
10- Horizontal Left Reducer Cover	11- Horizontal Center Reducer Cover	12- Horizontal Right Reducer Cover

* All Properties of Accessories are the same properties of its straight elements.
* Connector Length = 200 mm.
* Material Thickness (1.25,1.5&2)mm.

		
1- Splice Plate	2- Blind End	3- Straight element Seperator
		
4- Horizontal Elbow Seperator	5- Vertical Inside Seperator	6- Vertical Outside Seperator

Cable Tray Load graphs:-

Safe working loads are represented graphically as shown and are based on the cable tray being continuous over four spans or more. Deflection has been limited to SPAN/200 generally, based on the end span condition as the worst case. Deflection will be less than this on internal spans. However, on wider trays, additional deflection will be induced locally across the base of the tray, depending on the width of the tray and the load distribution across the width. This will not be determined to the structural performance of the tray but may need consideration if appearance is of prime importance

