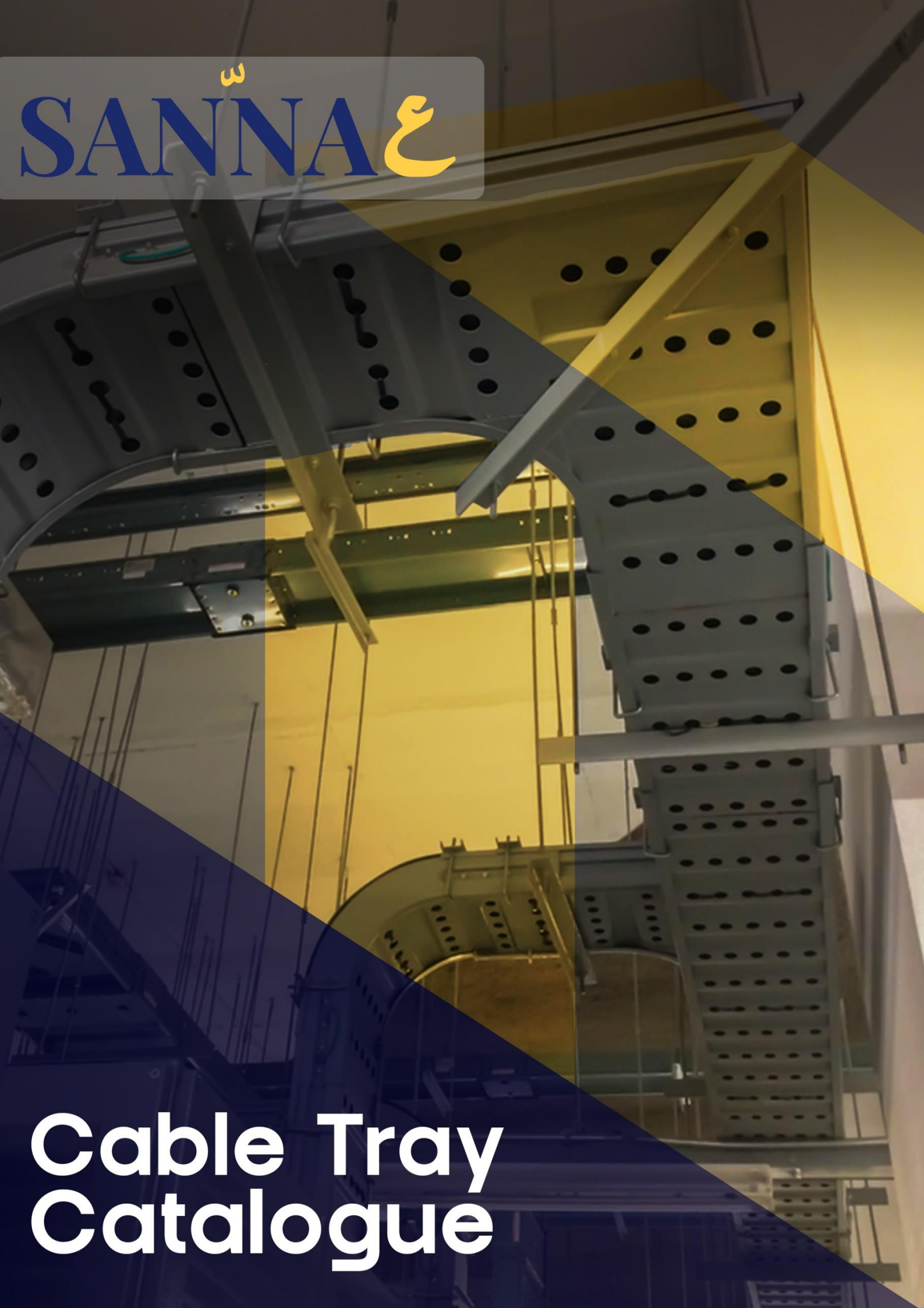




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Cable Tray Catalogue

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ABOUT US

Sanna3 is a leading ETO/MTO manufacturer in Egypt and the Middle East, known for its high-quality metal products and innovative manufacturing. We specialize in customized solutions and exceptional customer service. We provide:

OUR VISION

Our vision at Sanna3 is to revolutionise the metal fabrication industry by pushing the boundaries of creativity and engineering excellence. We aspire to be the trusted partner of choice for clients seeking customised, sustainable, and cost effective metal fabrication solutions worldwide. Through relentless innovation, superior craftsmanship, and unwavering commitment to customer satisfaction, we envision a future where Sanna3 sets the benchmark for excellence in the metal fabrication industry.

OUR Mission

At Sanna3, our mission is to be the premier provider of innovative metal fabrication solutions, delivering unparalleled quality and service to our customers. We aim to exceed expectations by leveraging cutting-edge technologies, fostering a culture of continuous improvement, and upholding the highest standards of craftsmanship and integrity in everything we do.

What Do We Do?

At Sanna3, we specialize in providing customized metal solutions for industries in Egypt and the Middle East. Our tailored offerings include a wide range of top-notch metal products such as racks, shelves, storage solutions, HVAC systems, Fiber Optics, Cable Trays, and ladders. We are known for our expertise in producing custom solutions that meet industry standards, our efficient manufacturing processes, and our unwavering commitment to delivering exceptional customer service. Whether you need specialized metal products or bespoke solutions, Sanna3 is your trusted partner for all your industrial needs.

Why Sanna3?

1. **Quality Products:** We are renowned for our high-quality metal products that are designed to meet the diverse needs of industries.
2. **Customized Solutions:** We excel in providing tailored solutions that align with industry standards and cater to specific requirements.
3. **Innovative Manufacturing:** Our innovative manufacturing processes ensure efficiency and precision in every product we deliver.
4. **Exceptional Customer Service:** At Sanna3, customer satisfaction is paramount. We strive to provide top-notch service and support to all our clients.
5. **Industry Expertise:** With years of experience in the ETO/MTO manufacturing sector, Sanna3 stands out as a leader in Egypt and the Middle East.
6. **Diverse Project Portfolio:** Our projects in sectors like Hospitality, Telecommunications, and Warehouses showcase our versatility and capabilities.
7. **Reliability:** When you choose Sanna3, you can rely on us to deliver reliable, durable, and top-of-the-line metal solutions for your business needs.

Choose Sanna3 for excellence in metal solutions and a partnership built on trust and quality.

Types of sides

- We offer the following sides for Cable Trays:

1) Straight



2) C-Type Inside



3) C-Type Outside



4) Spring / Dosra



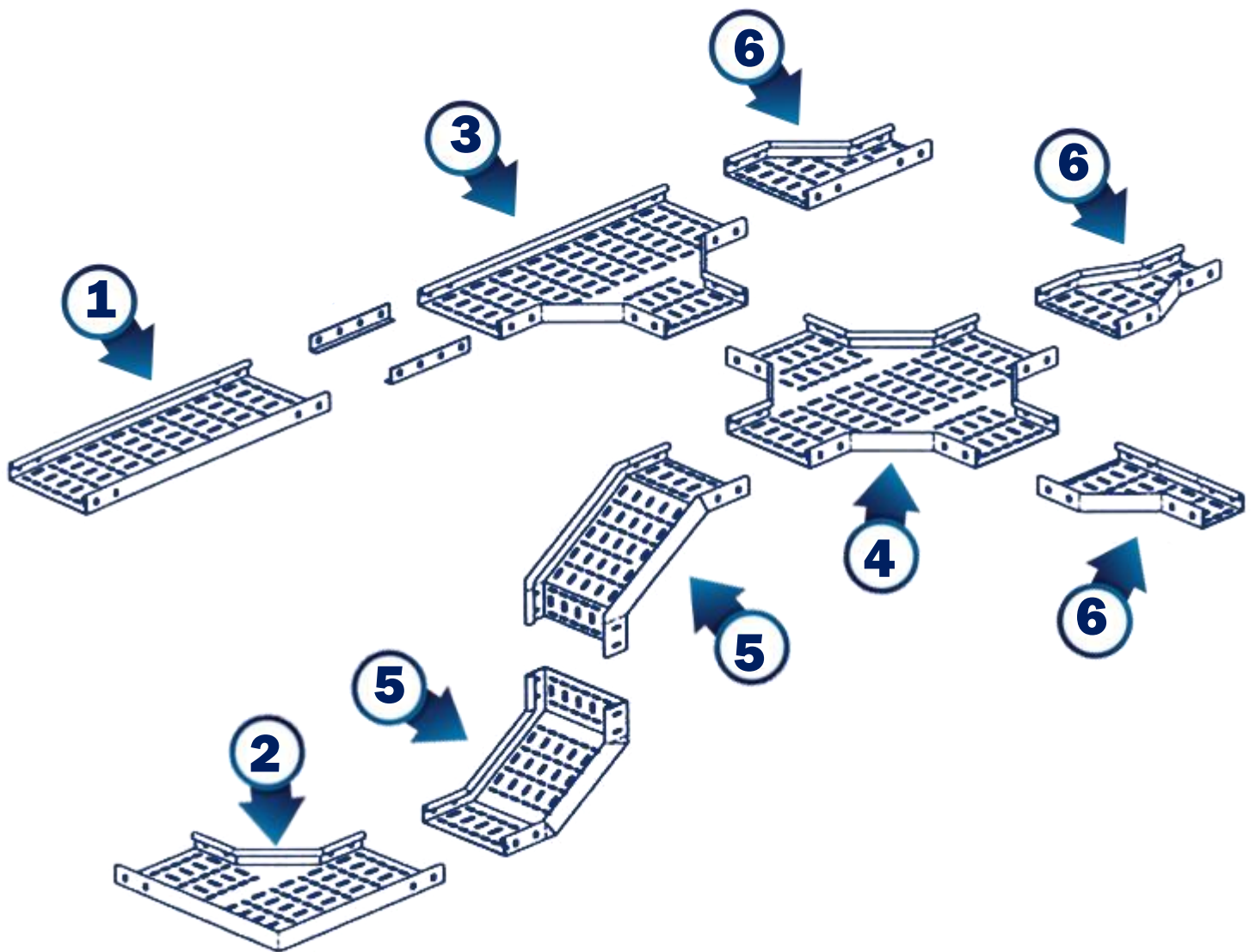
5) Snap on



6) Return flange inside



Perforated System Components



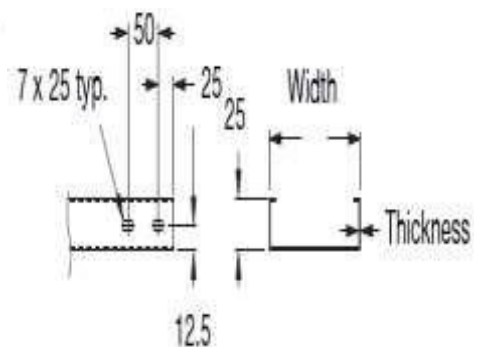
1. Straight Perforated cable Tray

Inside Return Flange

Snap On

Width	Height	Thickness	Width	Height	Thickness
100			600		
200			700		
300	50 ~ 100	1 ~ 2	800	50 ~ 100	1 ~ 2
400			900		
500			1000		

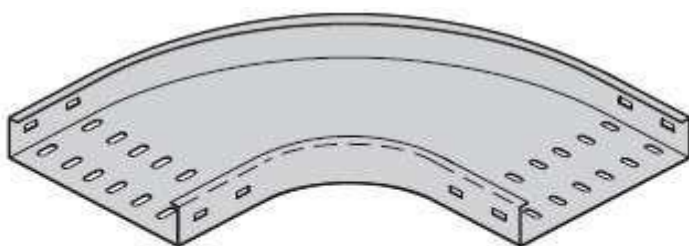
- All Dimensions are in mm
- OTHER SIZES ARE AVAILABLE UPON REQUIRED
- The attached photos are for illustration only
- x1 for tray thickness and x2 for cover thickness



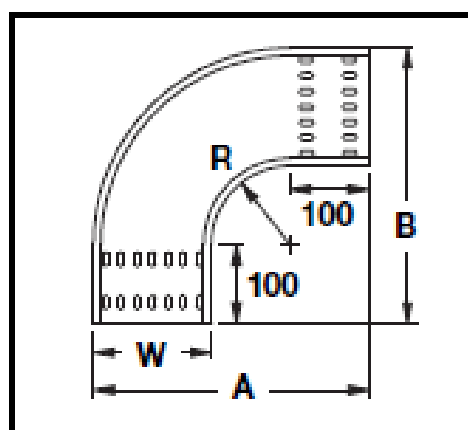
2. 90° Horizontal Perforated Flat Bend Elbow

90 Degree Horizontal Bend Dimension (Formed Radius Fittings)

Bend Radius R mm	Cable tray width W mm	A mm	B mm
300	50	450	450
	100	500	500
	150	550	550
	200	600	600
	300	700	700
	400	800	800
	500	900	900
	600	1000	1000
	900	1300	1300
600	50	750	750
	100	800	800
	150	850	850
	200	900	900
	300	1000	1000
	400	1100	1100
	500	1200	1200
	600	1300	1300
	900	1600	1600



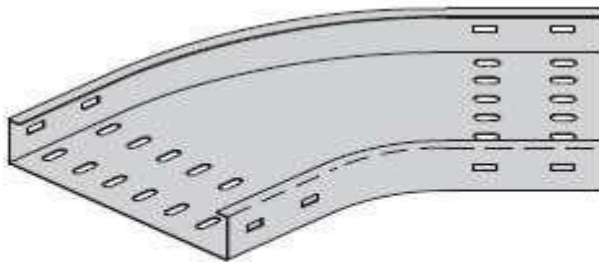
90° Horizontal Bend
Formed (C) Rail Shown



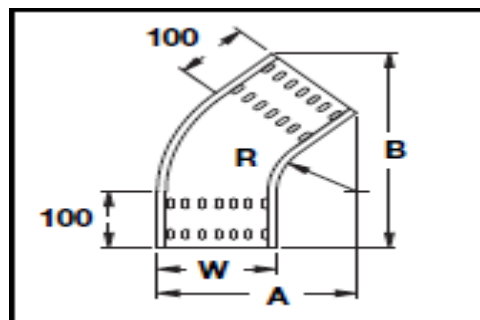
2. 45° Horizontal Perforated Flat Bend(ELBOW)

45 Degree Horizontal Bend Dimension (Formed Radius Fittings)

Bend Radius R mm	Cable tray width W mm	A mm	B mm
300	50	209	418
	100	259	454
	150	309	489
	200	359	524
	300	459	595
	400	559	666
	500	659	736
	600	759	807
600	900	1059	1019
	50	296	630
	100	346	666
	150	396	701
	200	446	736
	300	546	807
	400	646	878
	500	746	949
	600	846	1019
	900	1146	1231



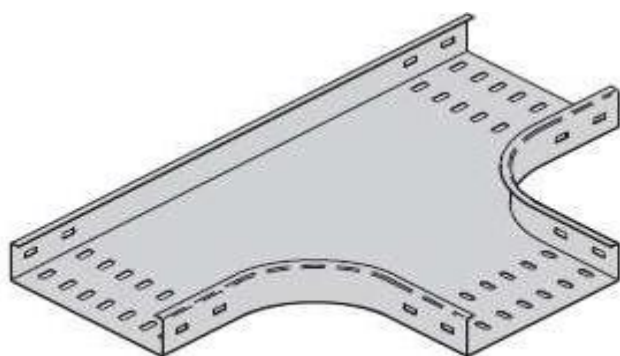
45° Horizontal Bend
Formed (C) Shown



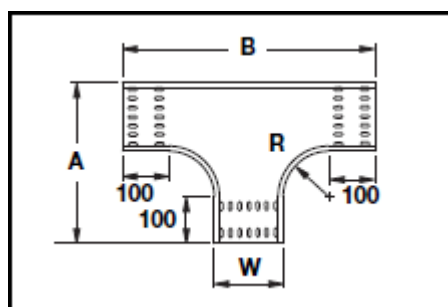
3. Tee Perforated

Horizontal Tee Dimension (Formed Radius Fittings)

Bend Radius R mm	Cable tray width W mm	A mm	B mm
300	50	450	850
	100	500	900
	150	550	950
	200	600	1000
	300	700	1100
	400	800	1200
	500	900	1300
	600	1000	1400
	900	1300	1700
600	50	750	1450
	100	800	1500
	150	850	1550
	200	900	1600
	300	1000	1700
	400	1100	1800
	500	1200	1900
	600	1300	2000
	900	1600	2300



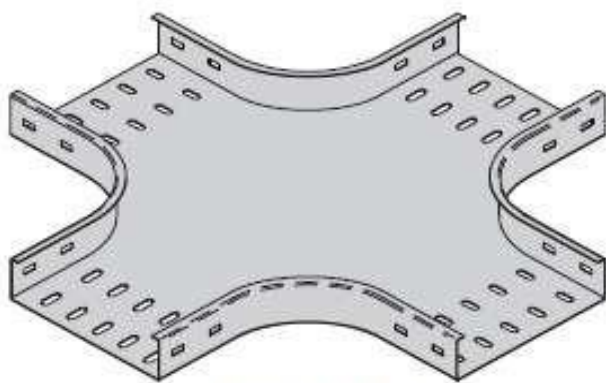
Horizontal Tee



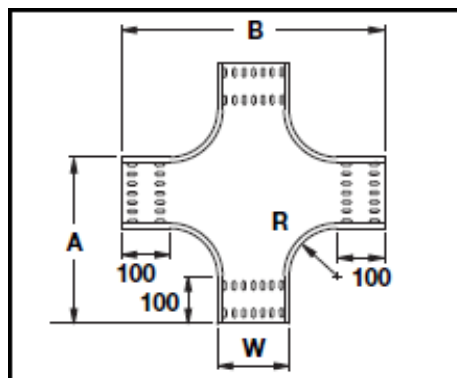
4. Cross perforated

Horizontal Cross Dimension (Formed Radius Fittings)

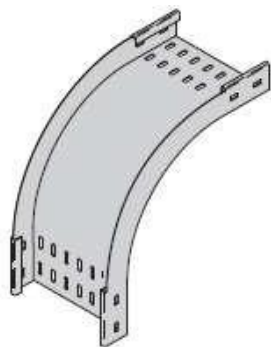
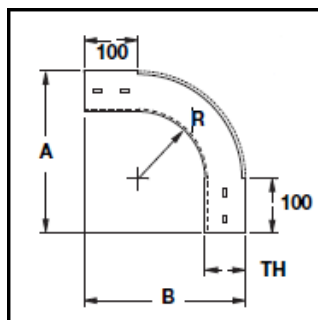
Bend Radius R mm	Cable tray width W mm	A mm	B mm
300	50	450	850
	100	500	900
	150	550	950
	200	600	1000
	300	700	1100
	400	800	1200
	500	900	1300
	600	1000	1400
	900	1300	1700
600	50	750	1450
	100	800	1500
	150	850	1550
	200	900	1600
	300	1000	1700
	400	1100	1800
	500	1200	1900
	600	1300	2000
	900	1600	2300



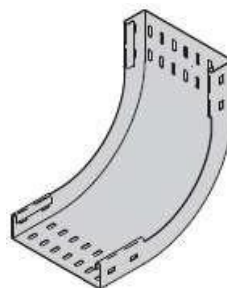
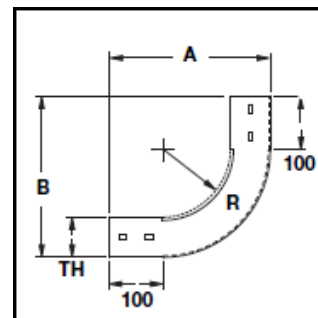
Horizontal Cross



5. 90° Vertical Perforated Riser



Outside Riser

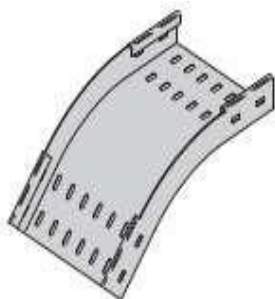
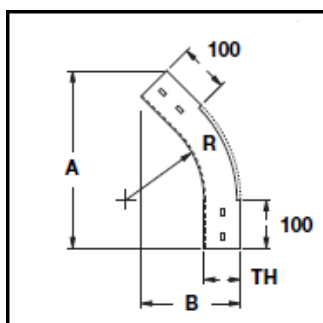


Inside Riser

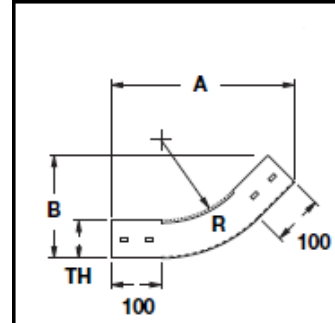
90 Degree Vertical Riser Dimension (Formed Radius Fittings)

Bend Radius R mm	Cable tray width W mm	Outside Riser				Inside Riser			
		Tray Height (TH) 50 mm		Tray Height (TH) 100 mm		Tray Height (TH) 50 mm		Tray Height (TH) 100 mm	
		A mm	B mm	A mm	B mm	A mm	B mm	A mm	B mm
300	50	450	450	500	500	450	450	500	500
	100								
	150								
	200								
	300								
	400								
	500								
	600								
	900								
600	50	750	750	800	800	750	750	800	800
	100								
	150								
	200								
	300								
	400								
	500								
	600								
	900								

5. 45° Vertical Perforated Riser



Outside Riser

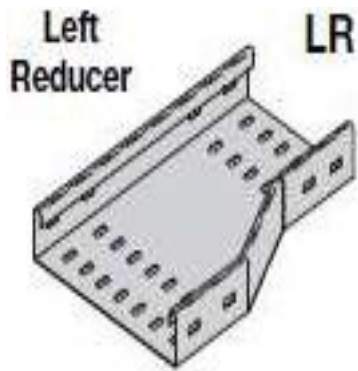
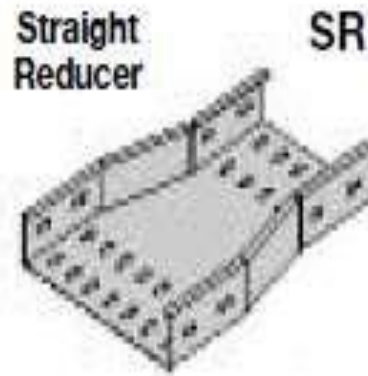
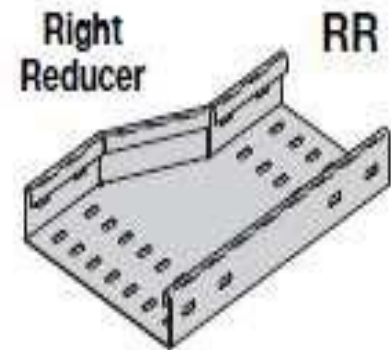
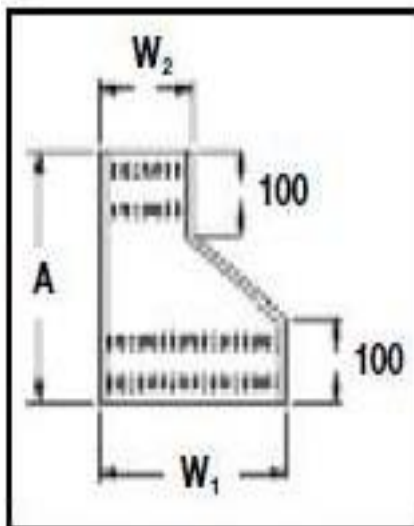
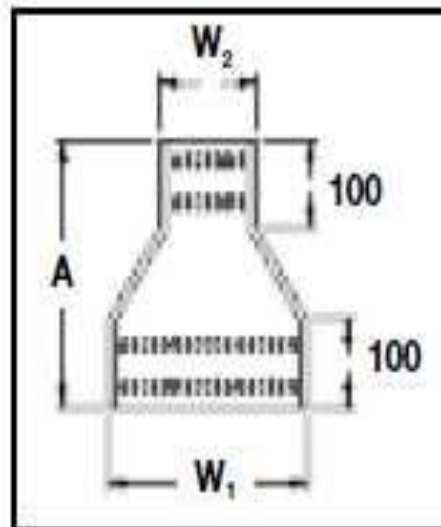
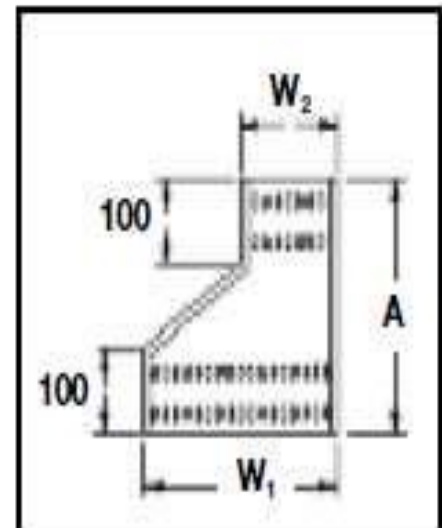


Inside Riser

45 Degree Vertical Riser Dimension (Formed Radius Fittings)

Bend Radius R mm	Cable tray width W mm	Outside Riser				Inside Riser			
		Tray Height (TH) 50 mm		Tray Height (TH) 100 mm		Tray Height (TH) 50 mm		Tray Height (TH) 100 mm	
		A mm	B mm	A mm	B mm	A mm	B mm	A mm	B mm
300	50	418	209	454	259	418	209	454	259
	100								
	150								
	200								
	300								
	400								
	500								
	600								
	900								
600	50	630	296	666	346	630	296	666	346
	100								
	150								
	200								
	300								
	400								
	500								
	600								
	900								

6. Offset Perforated Reducer



6. Offset Perforated Reducer

Offset Reducer Dimension				
Tray Width		Left Hand Reducer	Straight Reducer	Right Hand Reducer
W1 mm	W2 mm	A mm	A mm	A mm
100	50	300	300	300
150	50	300	300	300
	100	300	300	300
200	50	300	300	300
	100	300	300	300
	150	300	300	300
300	50	300	300	300
	100	300	300	300
	150	300	300	300
	200	300	300	300
400	50	300	300	300
	100	300	300	300
	150	300	300	300
	200	300	300	300
	300	300	300	300
500	50	300	300	300
	100	300	300	300
	150	300	300	300
	200	300	300	300
	300	300	300	300
	400	300	300	300
600	50	300	300	300
	100	300	300	300
	150	300	300	300
	200	300	300	300
	300	300	300	300
	400	300	300	300
	500	300	300	300
900	50	300	300	300
	100	300	300	300
	150	300	300	300
	200	300	300	300
	300	300	300	300
	400	300	300	300
	500	300	300	300
	600	300	300	300

Ladder System Components



1. Straight Cable Ladder



Width	Height	Thickness
100	50~150	1 ~ 2
200		
300		
400		
500		

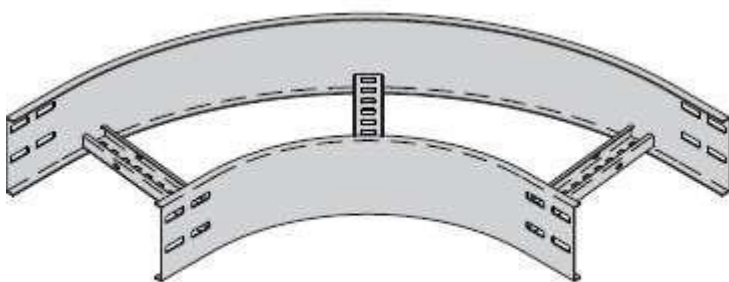
Width	Height	Thickness
600	50~150	1 ~ 2
700		
800		
900		
1000		

- All Dimensions are in mm
- OTHER SIZES ARE AVAILABLE UPON REQUIRED
- The attached photos are for illustration only
- x1 for tray thickness and x2 for cover thickness
- Rung Spacing = 300 mm Standard
- Rung Size = 40*20 mm

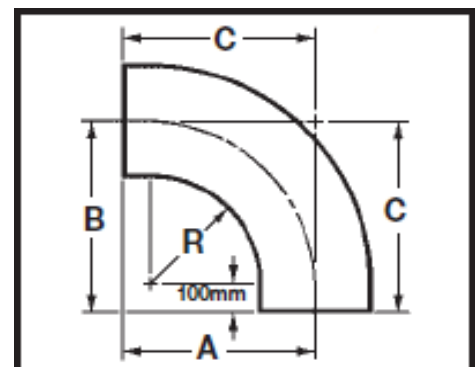
2. 90° Horizontal Ladder Flat Bend(ELBOW)

90 Degree Horizontal Bend Dimension (Formed Radius Fittings)

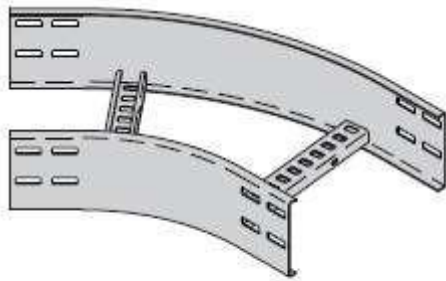
Bend Radius R mm	Ladder width W mm	A mm	B mm	C mm
300	150	475	475	475
	300	550	550	550
	450	625	625	625
	600	700	700	700
	750	775	775	775
	900	850	850	850
600	150	775	775	775
	300	850	850	850
	450	925	925	925
	600	1000	1000	1000
	750	1075	1075	1075
	900	1150	1150	1150



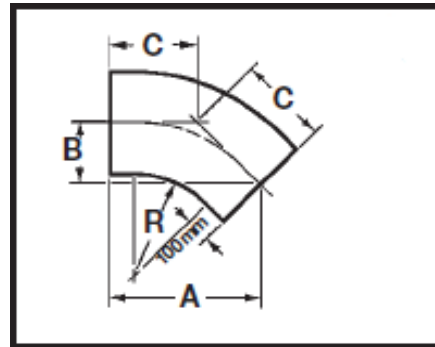
90° Horizontal Bend



3. 45° Horizontal Ladder Flat Bend(ELBOW)



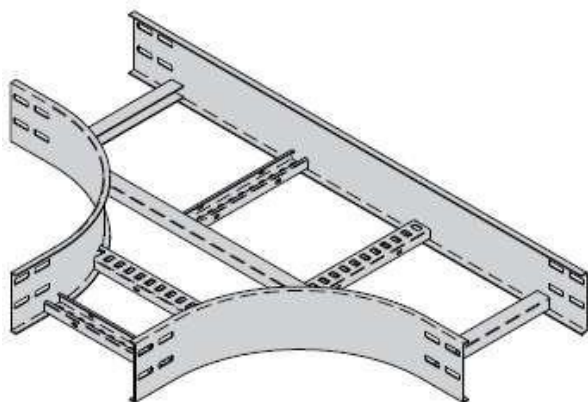
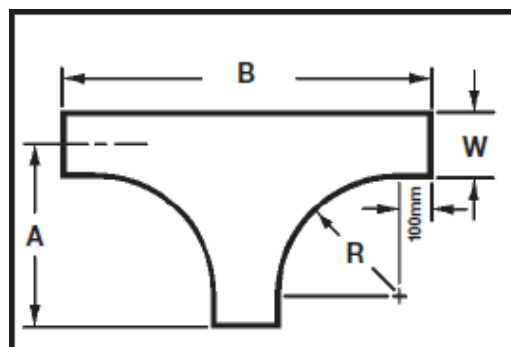
45° Horizontal Bend



45 Degree Horizontal Bend Dimension (Formed Radius Fittings)

Bend Radius R mm	Ladder width W mm	A mm	B mm	C mm
300	150	437	181	256
	300	490	203	287
	450	543	225	349
	600	596	247	349
	750	649	269	380
	900	702	291	411
600	150	649	269	380
	300	702	291	411
	450	755	313	443
	600	809	335	474
	750	862	357	505
	900	915	379	536

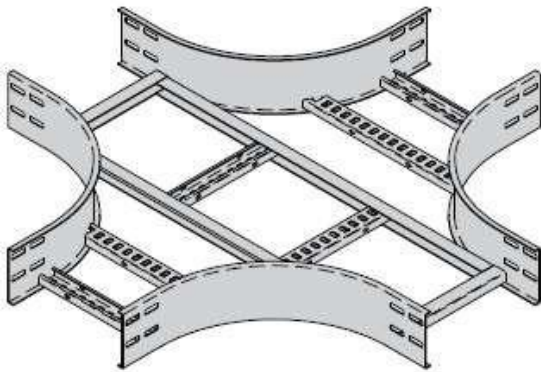
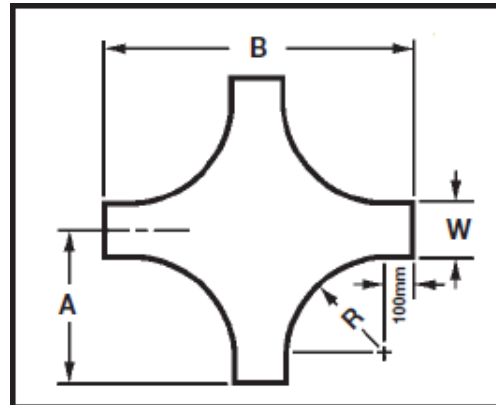
4. Tee Ladder



Horizontal TEE Dimension (Formed Radius Fittings)

Bend Radius R mm	Ladder width W mm	A mm	B mm
300	150	475	950
	300	550	1000
	450	625	1250
	600	700	1400
	750	775	1500
	900	850	1700
600	150	775	1550
	300	850	1700
	450	925	1850
	600	1000	2000
	750	1075	2150
	900	1150	2300

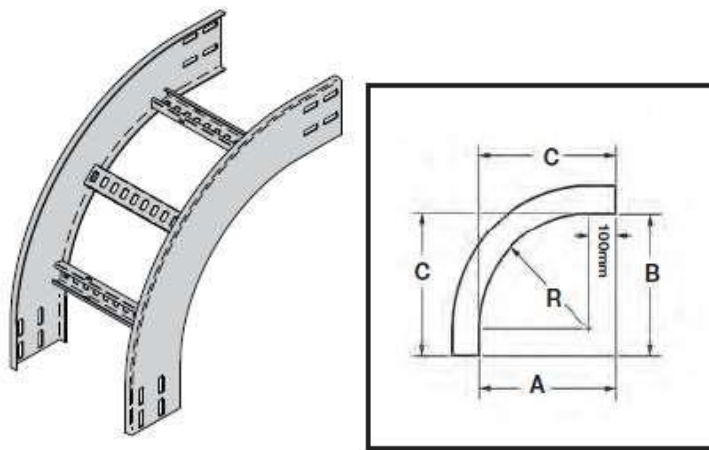
5. Cross Ladder



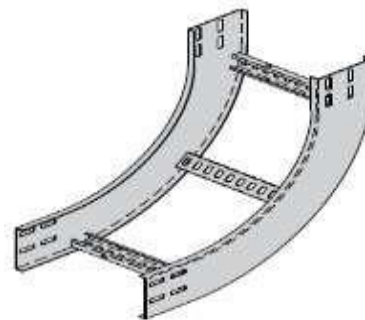
Horizontal Cross Dimension (Formed Radius Fittings)

Bend Radius R mm	Ladder width W mm	A mm	B mm
300	150	475	900
	300	550	1100
	450	625	1250
	600	700	1400
	750	775	1550
	900	850	1700
600	150	775	1550
	300	850	1700
	450	925	1850
	600	1000	2000
	750	1075	2150
	900	1150	2300

6. 90° Vertical Ladder Riser



Outside Riser

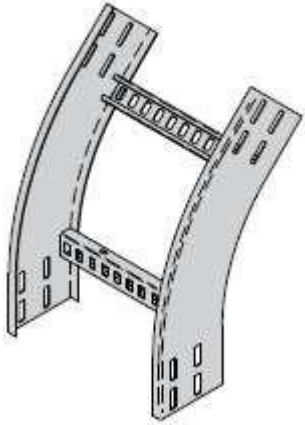
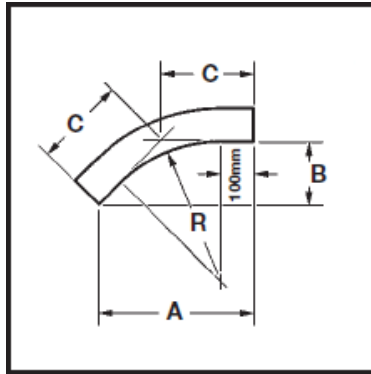


Inside Riser

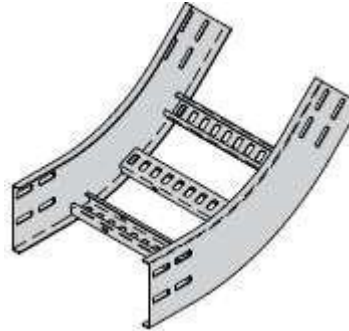
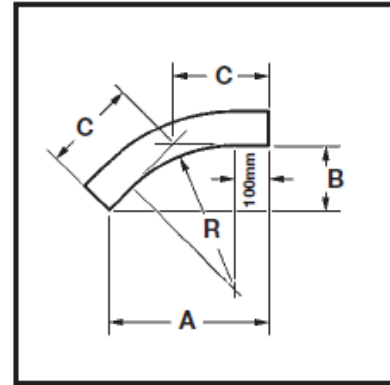
90 Degree Vertical Riser Dimension (Formed Radius Fittings)

Bend Radius R mm	Ladder width W mm	Outside Riser			Inside Riser		
		Tray Height (TH) 100 mm			Tray Height (TH) 100 mm		
		A mm	B mm	C mm	A mm	B mm	C mm
300	150	400	400	400	525	525	525
	300						
	450						
	600						
	750						
	900						
600	150	700	700	700	825	825	825
	300						
	450						
	600						
	750						
	900						

6. 45° Vertical Ladder Riser



Outside Riser

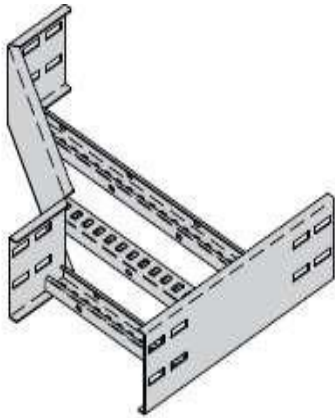


Inside Riser

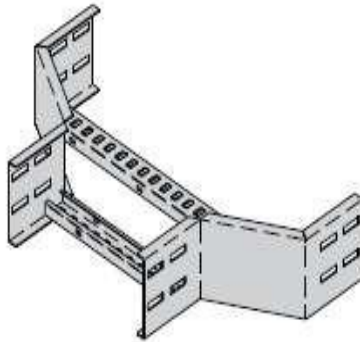
45 Degree Vertical Riser Dimension (Formed Radius Fittings)

Bend Radius R mm	Ladder width W mm	Outside Riser			Inside Riser		
		Tray Height (TH) 100 mm			Tray Height (TH) 100 mm		
		A mm	B mm	C mm	A mm	B mm	C mm
300	150	383	159	226	469	195	276
	300						
	450						
	600						
	750						
	900						
600	150	595	246	373	487	203	286
	300						
	450						
	600						
	750						
	900						

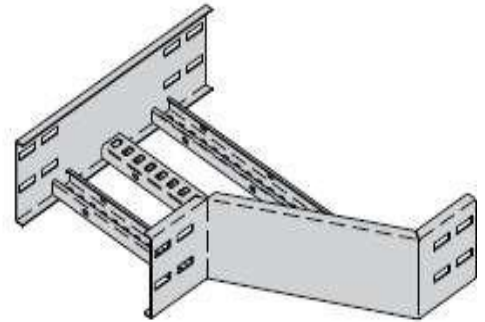
7. Offset Ladder Reducer



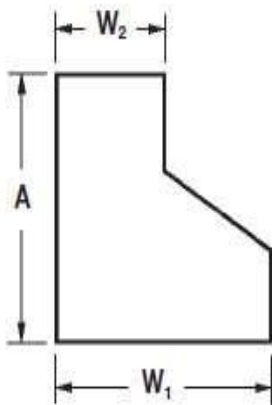
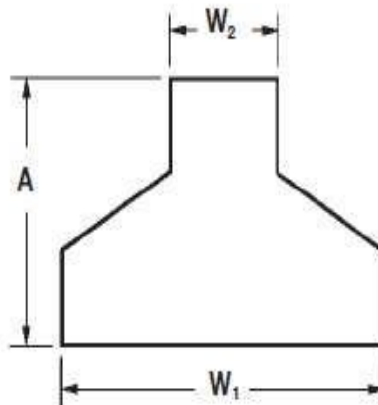
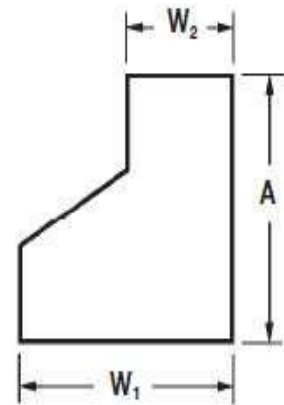
Left Reducer



Straight Reducer



Right Reducer



7. Offset Ladder Reducer

Offset Reducer Dimension				
Ladder Width		Left Hand Reducer	Straight Reducer	Right Hand Reducer
W1 mm	W2 mm	A mm	A mm	A mm
300	150	337	293	337
450	150	423	337	423
	300	337	293	337
600	150	510	380	510
	300	423	337	423
	450	337	293	337
750	150	596	423	596
	300	510	380	510
	450	423	337	423
	600	337	293	337
900	150	683	467	683
	300	596	423	596
	450	510	380	510
	600	423	337	423
	750	337	293	337

supports

- C-channel section

Type:-

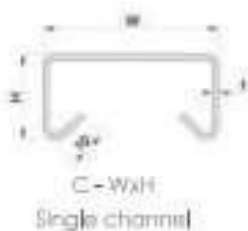
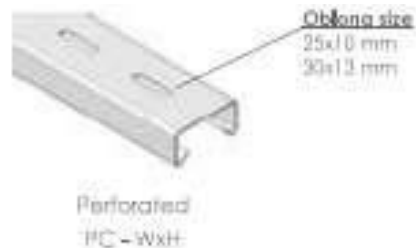
- Single channel
- Double channel

Perforation:-

- Solid
- Perforated

Surface Coating:-

- Hot dip galvanized
- Pre-galvanized



DIMENSIONS (mm)

- 40*40
- 50*50
- OTHER SIZES ARE AVAILABLE UPON REQUIRED
- Standard Length: 2 m – 3 m

U section

DIMENSIONS (mm)

- 14*35
- 14*40
- 14*50
- 24*24
- OTHER SIZES ARE AVAILABLE UPON REQUIRED

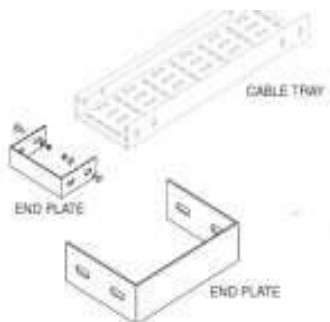


Connectors

End Plate

DIMENSIONS (mm)

- 100*25
- 100*50
- 100*75
- 100*100
- 200*25
- 200*50
- 200*75
- 200*100
- 300*25
- 300*50
- 300*75
- 300*100
- 400*50
- 400*75
- 400*100
- 500*50
- 500*75
- 500*100
- 600*50
- 600*75
- 600*100
- OTHER SIZES ARE AVAILABLE UPON REQUIRED

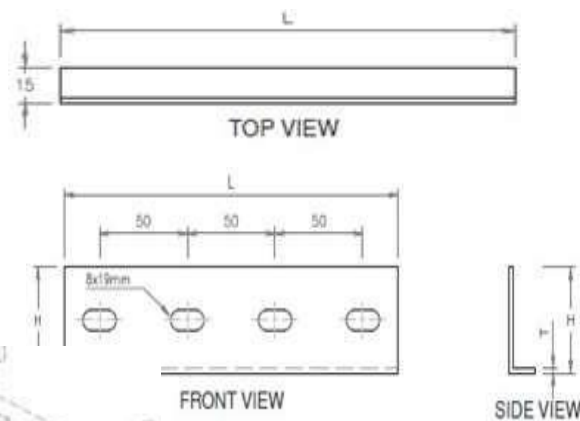
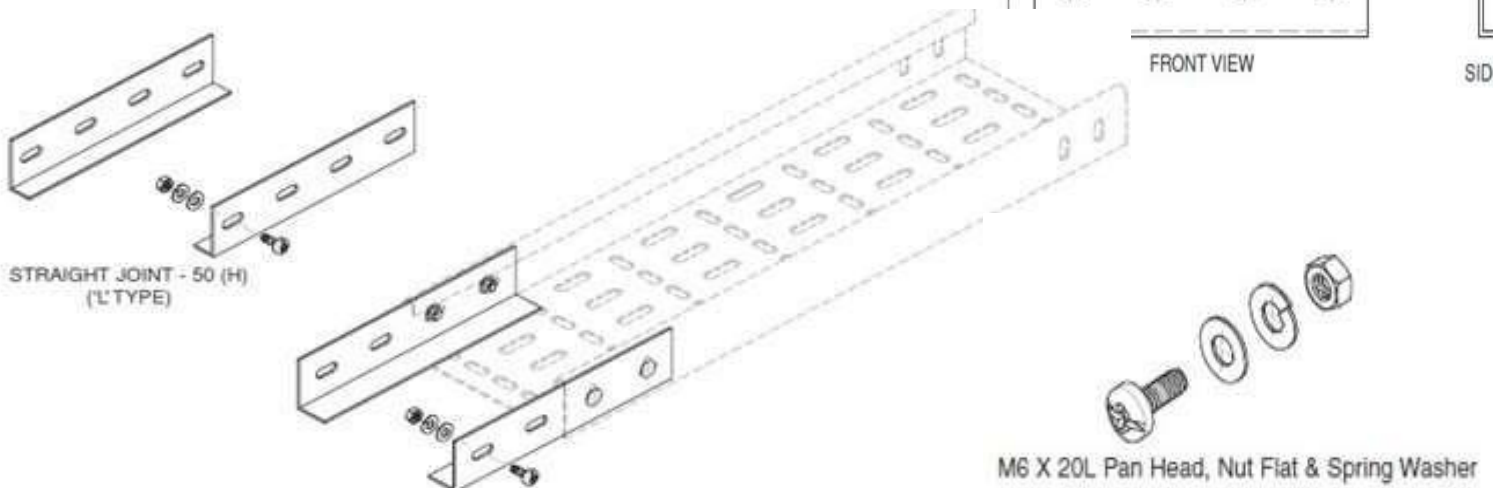
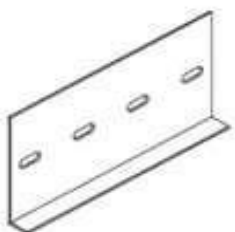
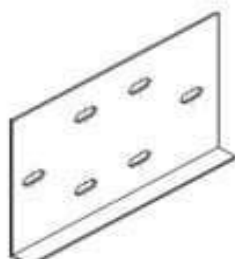
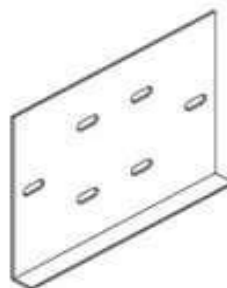


Joints

Straight joint

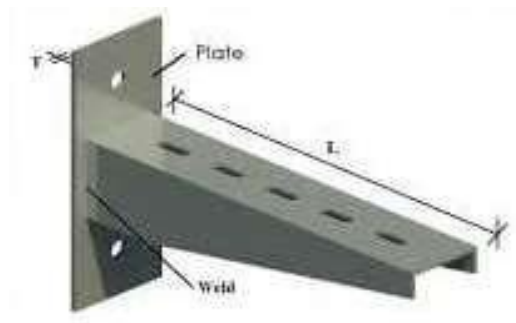
ITEM	TRAY HEIGHT	HEIGHT	LENGTH	THICKNESS
SJ- 50	50	44	190	1.5 / 2
SJ - 75	75	70	190	1.5 / 2
SJ - 100	100	94	190	1.5 / 2
SJ - 125	125	120	190	1.5 / 2
SJ - 150	150	144	190	1.5 / 2

- All Dimensions are in mm
- OTHER SIZES ARE AVAILABLE UPON REQUIRED



Cable Tray Support System

Wall Bracket



Surface Coating	Length (mm)	Thickness (mm)
Hot Dip Galvanized Electrostatic Paint- Finally Coating Stainless Steel	100	2
	150	
	250	
	Up to 3000	

- Head Plate = 150 * 70 * 3 mm
- OTHER SIZES ARE AVAILABLE UPON REQUIRED