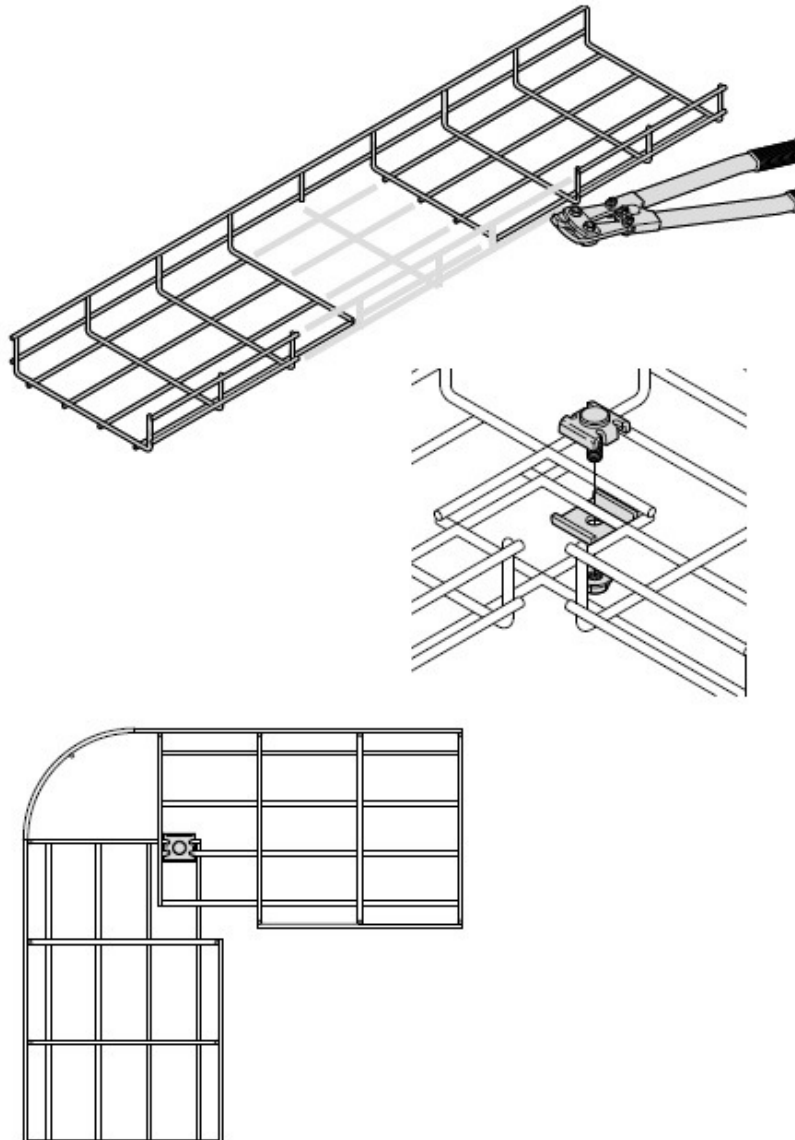


WIRE MESH CABLE TRAY

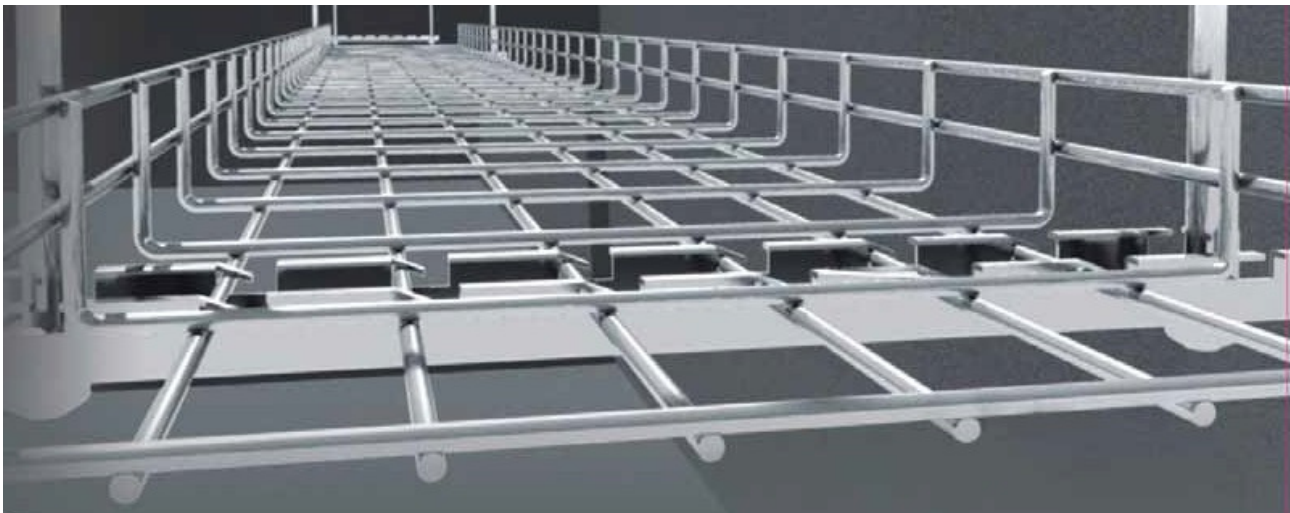
(CABLE BASKET)

INSTALLATION GUIDE



WIRE MESH CABLE TRAY (CABLE BASKET)

PRODUCT INFORMATION - MAIN UNIT



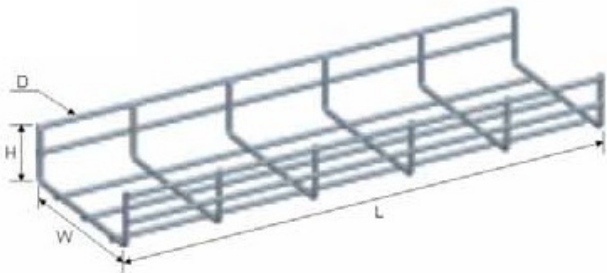
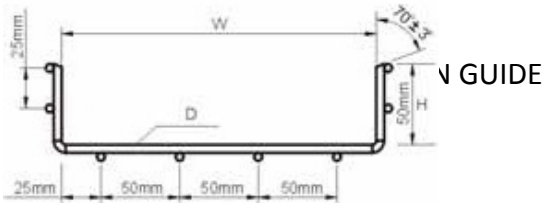
TECHNICAL PARAMETERS

Materials	Surface Finishing	Thickness of coating	Application Environment
Medium Carbon Steel	Electro-Galvanized (EZ)	$\geq 12\text{ }\mu\text{m}$	indoor

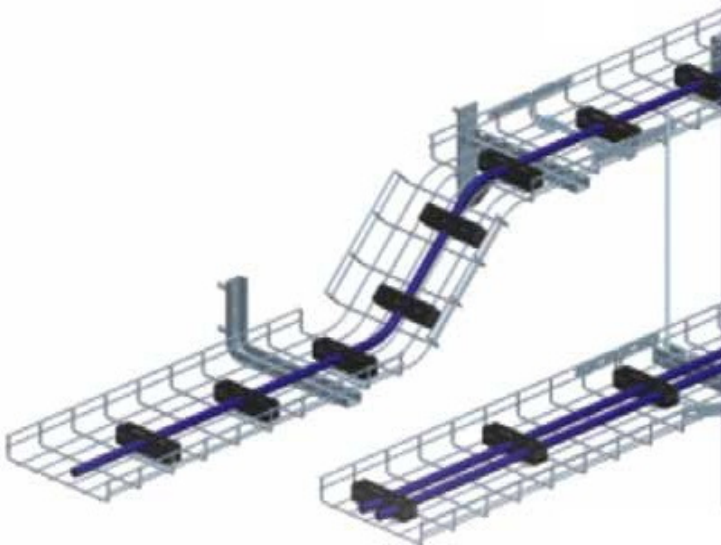
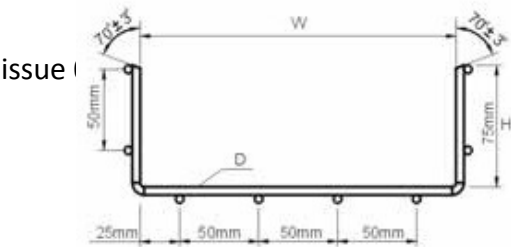
DIMENSIONS

Height (H)	50 / 100 mm
Width (W)	300 / 400 / 450 / 500 / 600 mm
Length (L)	3000 mm
Diameter (D)	3.5mm to 6.0 mm

50mm Height



100mm Height



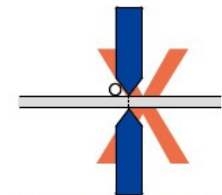
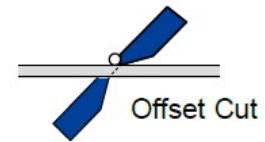
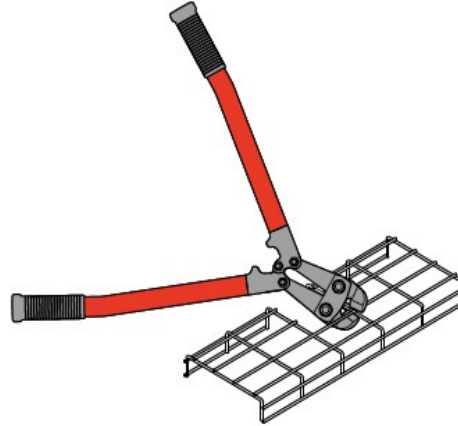
**** Wire Mesh Cable Basket systems can be safely used in places where the temperature ranges between -40°C and $+150^{\circ}\text{C}$ without any change to their characteristics.**



WIRE MESH CABLE TRAY

ANGULAR BOLT CUTTING

Completely adaptable, WIRE MESH CABLE TRAY SYSTEM is designed to accommodate jobsite changes. Straight sections can be modified to produce bends, tees, crosses or reducers.



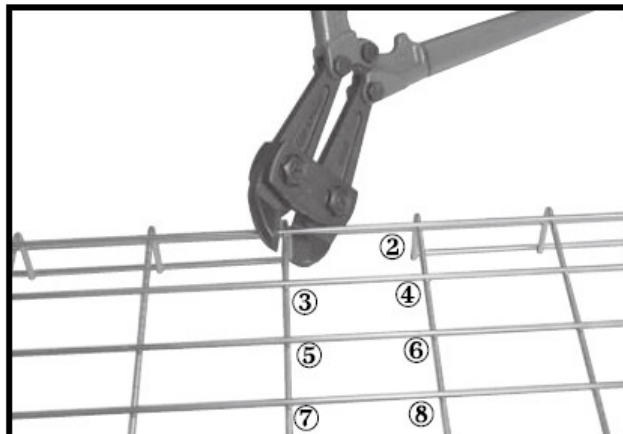
Do not use center cut blades.

For the best results, use a Angular Blade Offset Bolt Cutter with Long handles.

The Offset Blade Cutter produces a clean cut.

Position bolt cutter blades near the cross wire and perpendicular to wire to be cut (see illustration below).

Proper cut will make the assembly faster, easier and safer while minimizing grinding.



Cutting Order

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Placing Wire Tray Open side down provides the optimum cutting angle.

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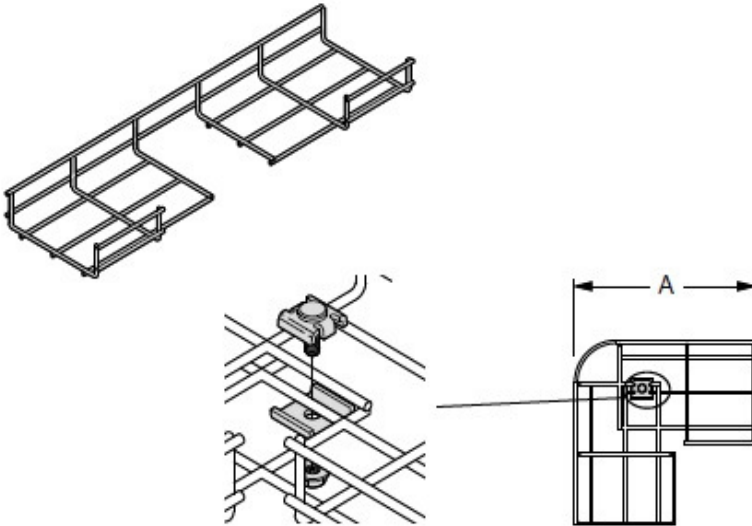
WIRE MESH CABLE TRAY

90 DEGREE SHORT RADIUS BENDS

100 / 150 / 200 mm Wide

To field cut and form a bend from a Wire Basket straight section, cut side and bottom wires (debur if necessary). Form and assemble using recommended Connector Assemblies as illustrated below.

100 & 150mm W Wire Mesh Cable Tray

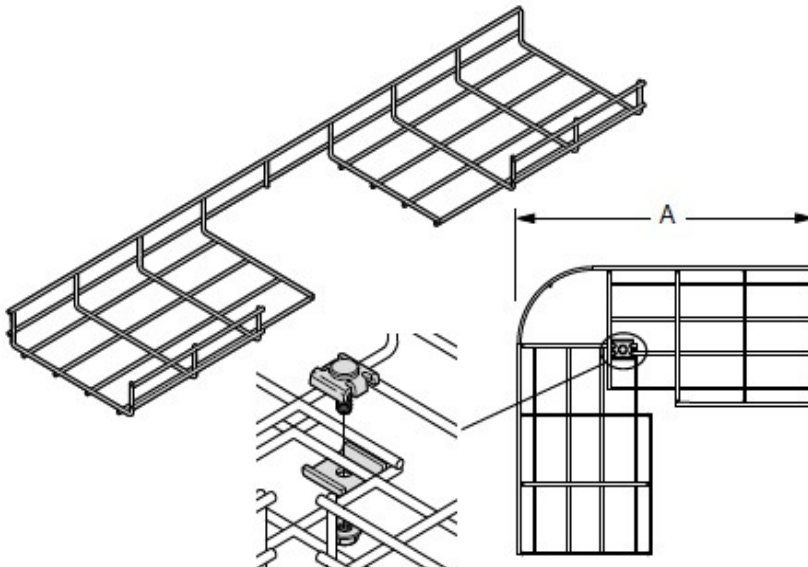


Basket Width	"A"	# of Connector
100mm	265mm	1
150mm	370mm	1
200mm	440mm	1



KK34 - COUPLER

200mm W Wire Mesh Cable Tray



KK28 - COUPLER



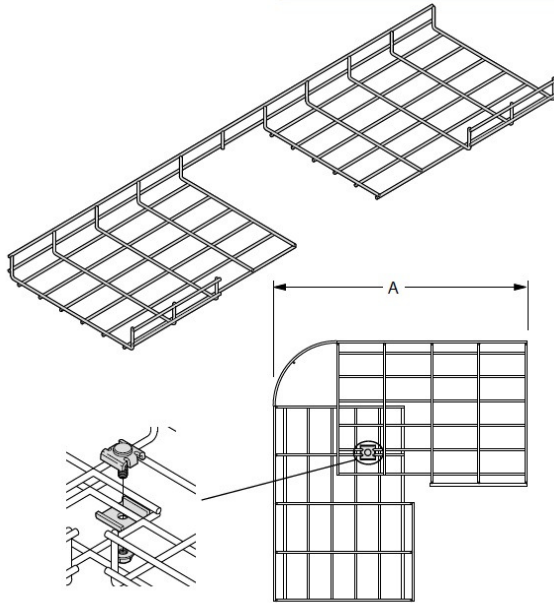
WIRE MESH CABLE TRAY

90 DEGREE SHORT RADIUS BENDS

300 / 450 / 500 mm Wide

To field cut and form a bend from a Wire Basket straight section, cut side and bottom wires (debur if necessary). Form and assemble using recommended Connector Assemblies as illustrated below.

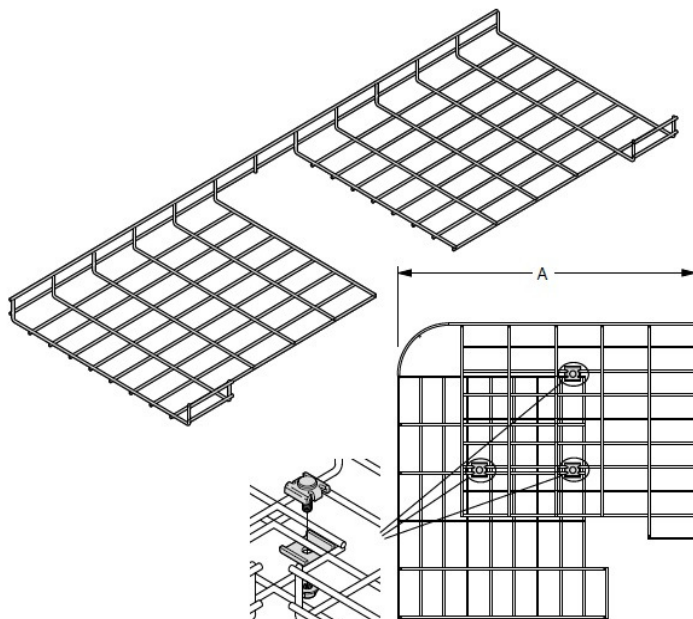
300mm W Wire Mesh Cable Tray



Basket Width	"A"	# of Connector
300mm	530mm	1
450mm	640mm	3
500mm	640mm	3



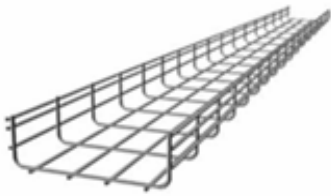
450/500mm W Wire Mesh Cable Tray



KK34 - COUPLER



KK28 - COUPLER



WIRE MESH CABLE TRAY

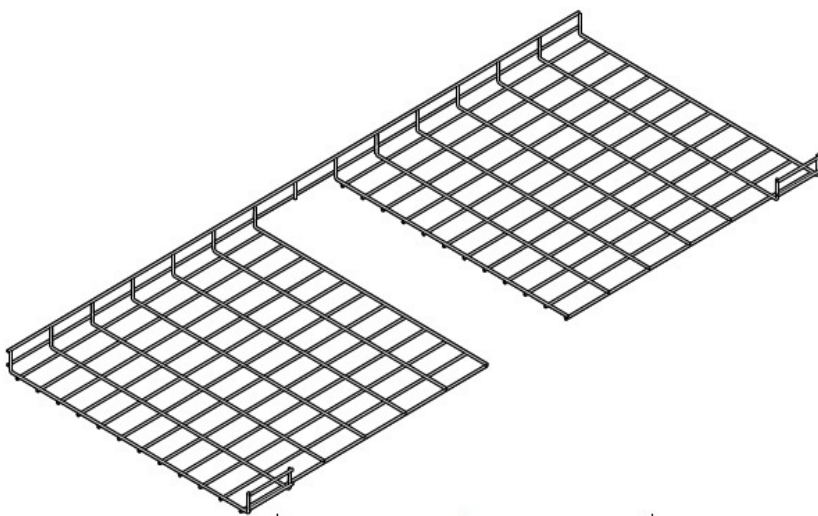
90 DEGREE SHORT RADIUS BENDS

600 mm Wide

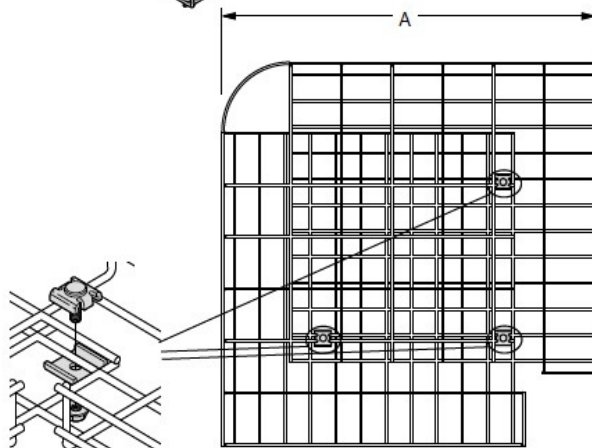
To field cut and form a bend from a Wire Basket straight section, cut side and bottom wires (deburr if necessary). Form and assemble using recommended Connector Assemblies as illustrated below.

600mm W Wire Mesh Cable Tray

Basket Width	"A"	# of Connector
600mm	735mm	3



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KK28 - COUPLER

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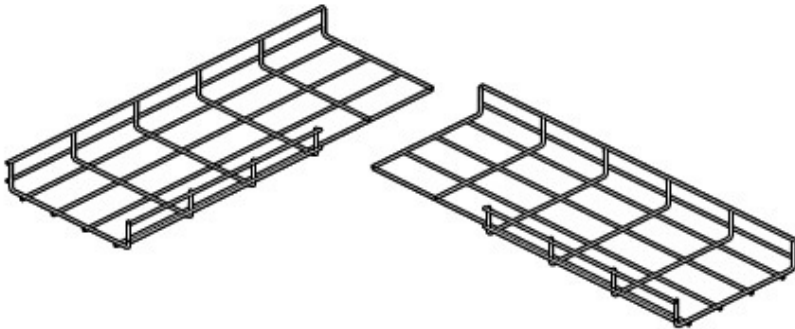
iRacksystem



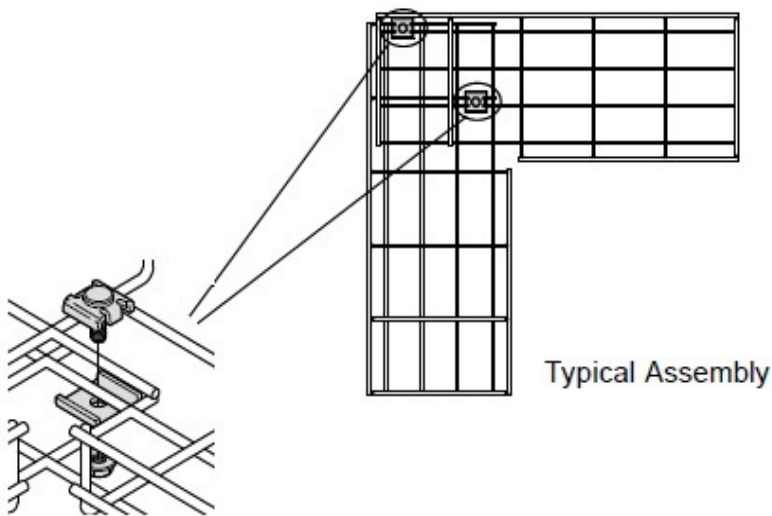
WIRE MESH CABLE TRAY

90 DEGREE BENDS FROM TWO STRAIGHT SECTIONS

Two sections of Wire Tray can be used to assemble a 90 Degree horizontal bend. Cut side wires as illustrated.



Basket Width	Remove Segments	# of Connector
100mm	1	2
150mm	2	2
200mm	2	2
300mm	3	2
450mm	4	3
500mm	5	3
600mm	6	3



KK34 - COUPLER



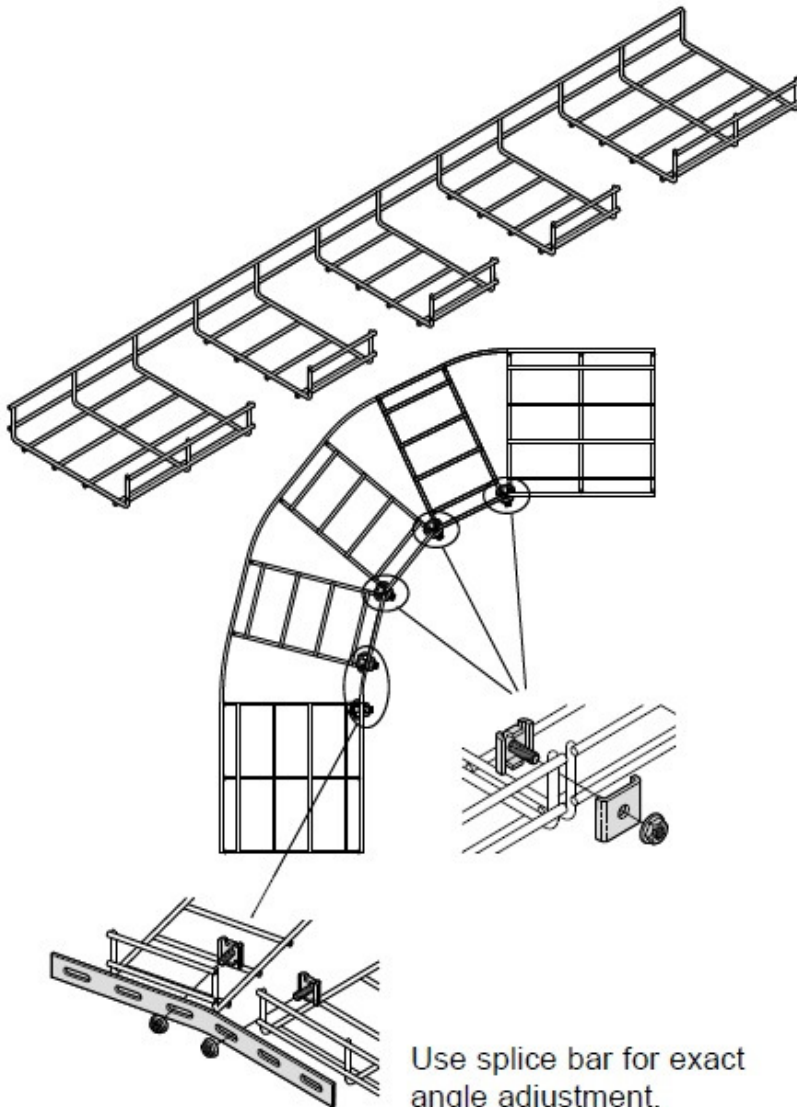
KK28 - COUPLER



WIRE MESH CABLE TRAY

90 DEGREE LONG RADIUS BENDS

To field cut and form a bend from a Wire Tray System straight section, cut side and bottom wires (deburrr if necessary).



Use splice bar for exact angle adjustment.

Basket Width	Remove Segments	# of Connector
100mm	2	2
150mm	3	3
200mm	4	4
300mm	6	6
450mm	8	8
500mm	9	9
600mm	10	10



KK34 - COUPLER



KK28 - COUPLER

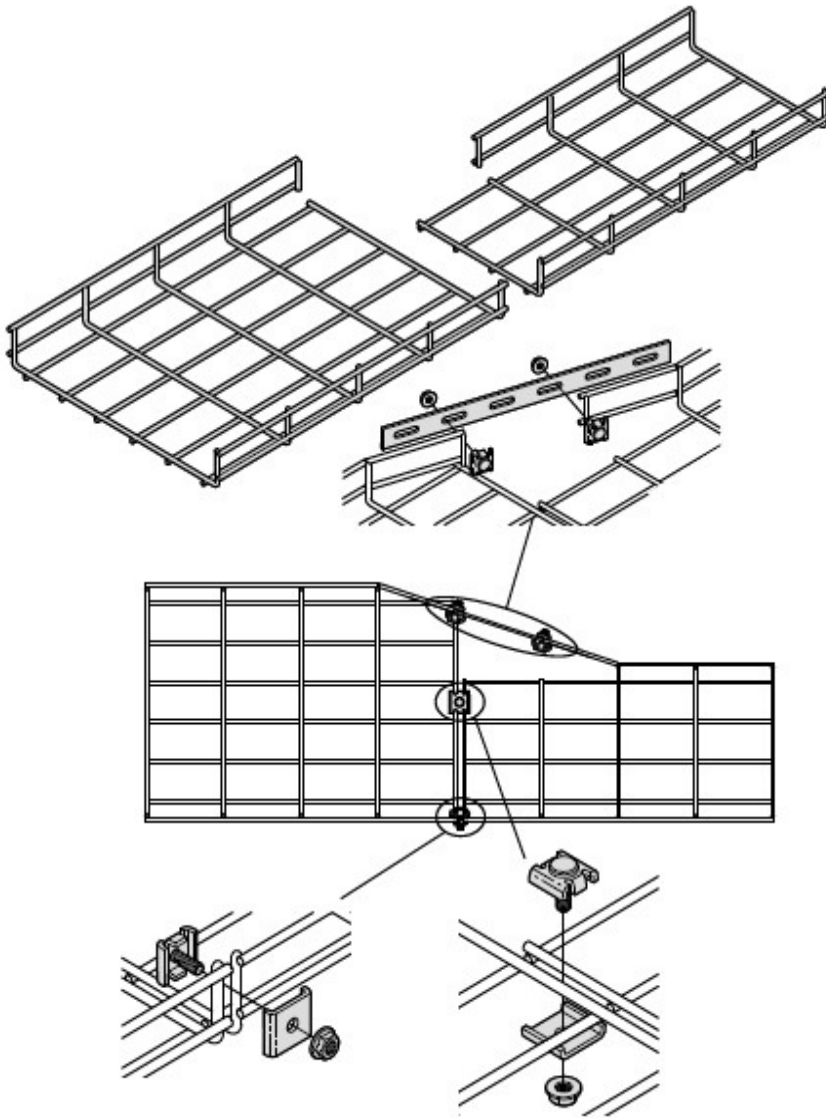


SBR - STRENGTHENING BAR



REDUCERS

To connect two unequal widths of Wire Tray systems, simply cut and assemble two runway sections using recommended Splice Bars, Connector and Clamp Accessories as illustrated.



Basket Width	# of Connector	Splice Bar need
100mm	3	1
150mm	4	1
200mm	4	1
300mm	5	1
450mm	5	1
500mm	5	1
600mm	5	1



KK34 - COUPLER



KK28 - COUPLER

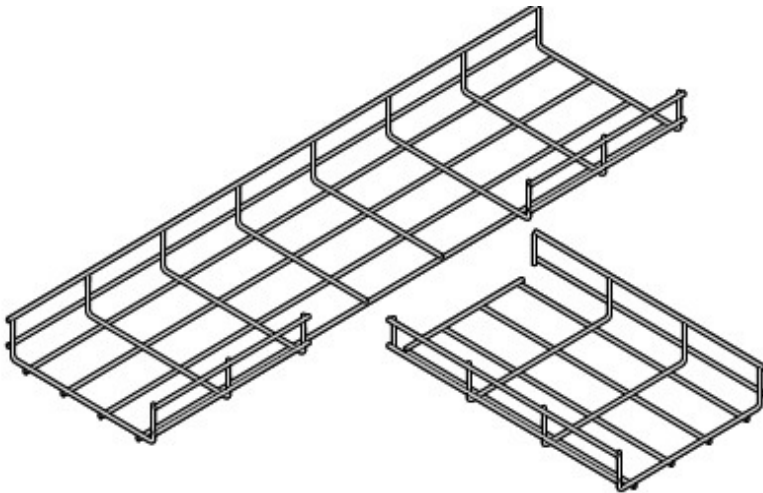


SBR - STRENGTHENING BAR

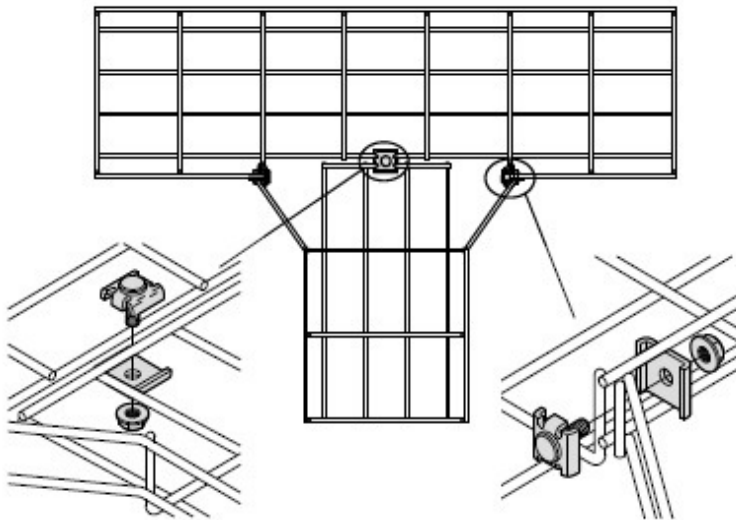


HORIZONTAL TEE (1)

To produce a horizontal tee from Wire Tray straight sections, simply cut, form and assemble as illustrated. To produce a horizontal cross, duplicate the tee and assemble on the opposing side of the tee junction.



Basket Width	# of Connector
100mm	2
150mm	2
200mm	3
300mm	4
450mm	4
500mm	4
600mm	4



KK34 - COUPLER

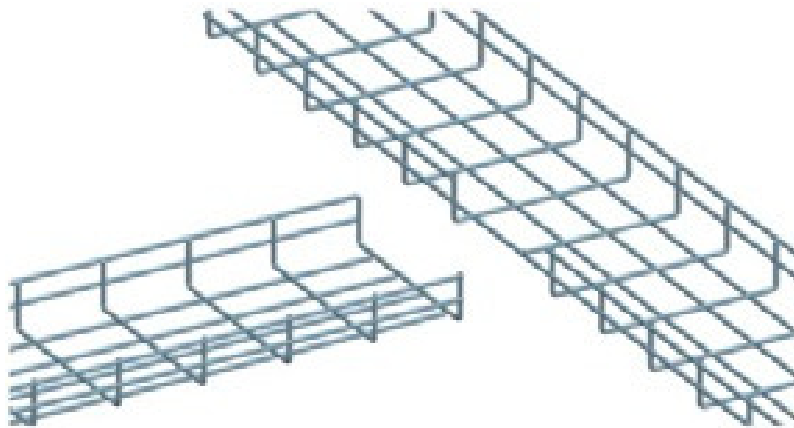


KK28 - COUPLER

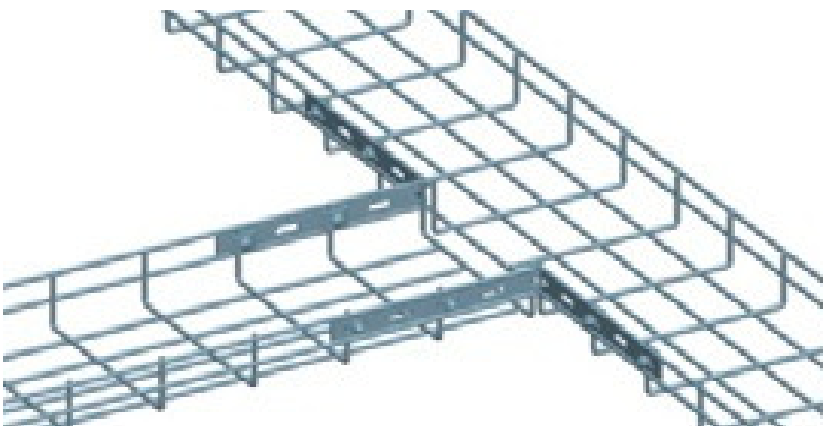


HORIZONTAL TEE (2)

To produce a horizontal tee from Wire Tray straight sections, simply cut, form and assemble as illustrated. To produce a horizontal cross, duplicate the tee and assemble on the opposing side of the tee junction.



Basket Width	# of Connector
100mm	2
150mm	2
200mm	3
300mm	4
450mm	4
500mm	4
600mm	4



KK34 - COUPLER



KK28 - COUPLER

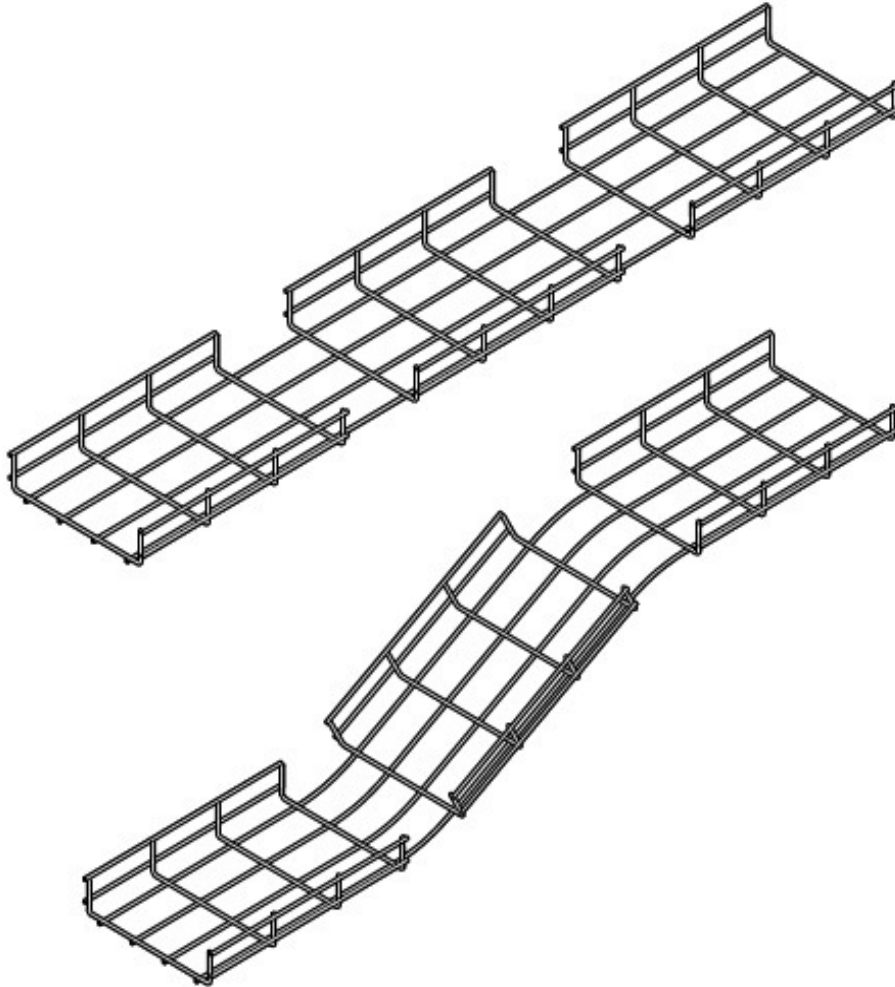


CBS - CORNER STRENGTH BAR



VERTICAL BENDS

To produce vertical inside and outside bends from Wire Tray straight sections, simply cut and remove side wires as illustrated. Form to desired radius to change elevation. No assembly or splicing components required.





WIRE MESH CABLE TRAY (CABLE BASKET)

PRODUCT INFORMATION



PART NO.	KK34	PRODUCT	
	COUPLER (1 SET)		
WIRE	Feature :		
	- Fit for Diameter of wire from 4.0mm to 6.0mm		
	- Fit for Straight Sections		
	- Fit for Bends		
			

PART NO.	KK28	PRODUCT	
	COUPLER (1 SET)		
WIRE	Feature :		
	- Fit for Diameter of wire from 3.5mm to 5.0mm		
	- Fit for Straight Sections		
	- Fit for Bends		
			

PART NO.	SBR	PRODUCT	
	STRENGTHENING BAR (1 SET)		
WIRE	Feature :		
	- Fit for Straight Sections		
	- Fit for Bends		
			

PART NO.	CSB	PRODUCT	
	CROSS SECTION BAR		
WIRE	Feature :		
	- Fit for TEE and CROSS Sections		
	- Fit for Diameter of wire from 3.5mm to 6.0mm		
			

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PART NO.	BAR-300/600	PRODUCT	
	BAR (300-600MM)		
WIRE	Feature :		
	- Apply to holding BASKET under ceiling		
	- BAR-300 (for 300 mm Wide Basket)		
	- BAR-400 (for 400 mm Wide Basket)		
	- BAR-450 (for 450 mm Wide Basket)		
	- BAR-500 (for 500 mm Wide Basket)		
	- BAR-600 (for 600 mm Wide Basket)		
			

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WIRE MESH CABLE TRAY (CABLE BASKET)

PRODUCT INFORMATION

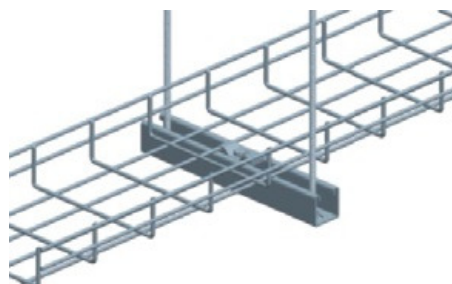
WIR

PART NO.	HDC	PRODUCT
----------	-----	---------

HOLD DOWN CLIP (1 SET)

Feature :

- Fit for Basket fixing
- Use with Unistrut
- Fit for Diameter of wire from 3.5mm to 6.0mm

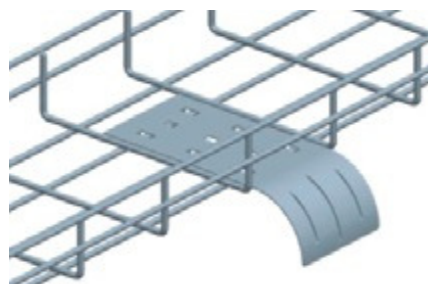
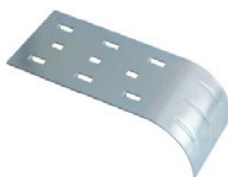


PART NO.	CGD	PRODUCT
----------	-----	---------

CABLE GUIDER (1 PC)

Feature :

- Use for Cable Drop on the Basket



PART NO.	CAP	PRODUCT
----------	-----	---------

RUBBER CAP (1 PC)

Feature :

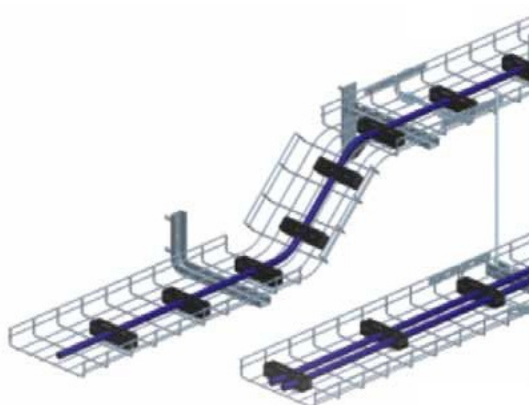
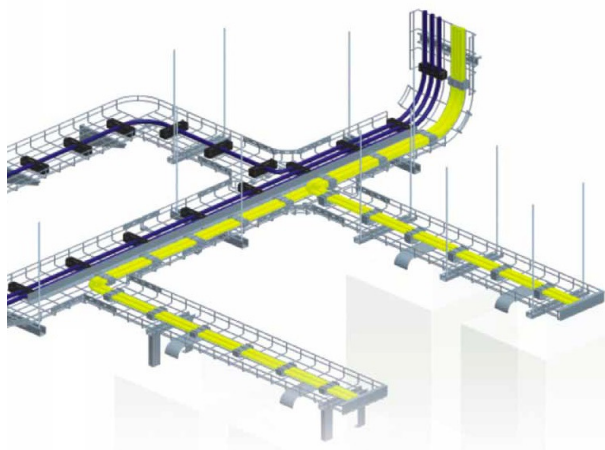
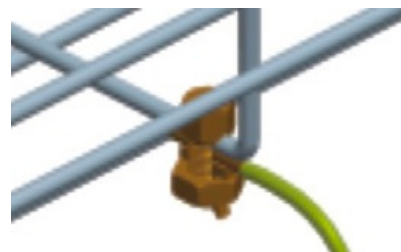
- Protection of the Basket after cutting



PART NO.	- INSTALLATION	PRODUCT
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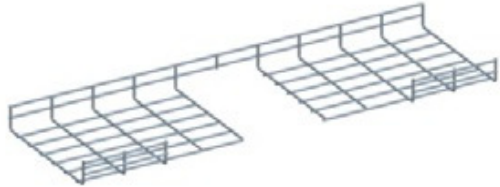
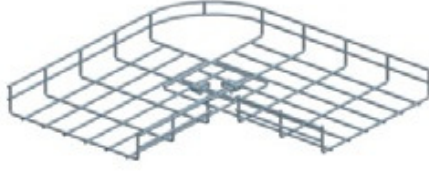
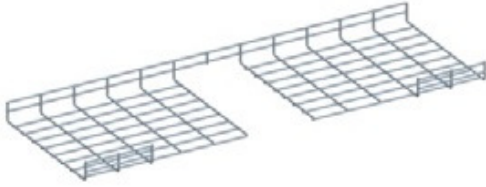
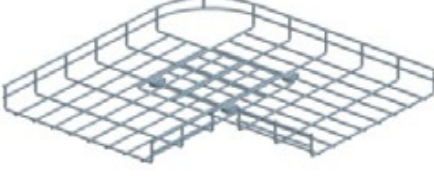
Feature :

- Use for better Earthing connection
- Copper Plated
- Earthing Wire not included



WIRE MESH CABLE TRAY (CABLE BASKET)

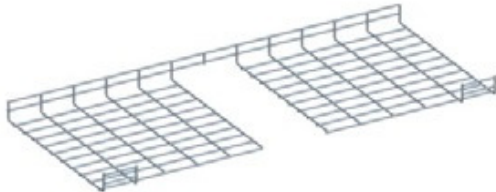
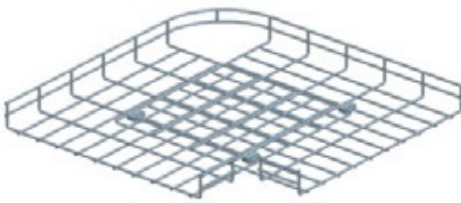
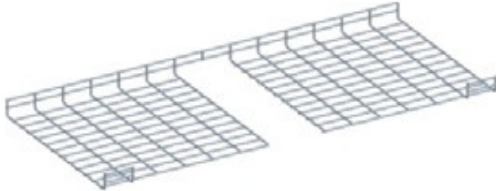
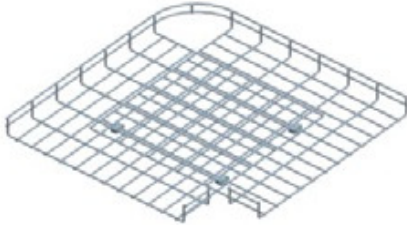
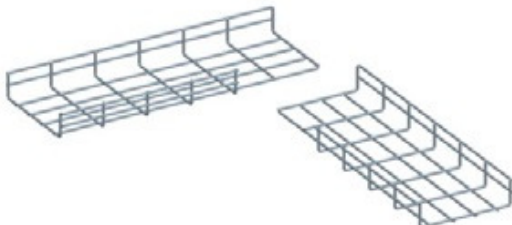


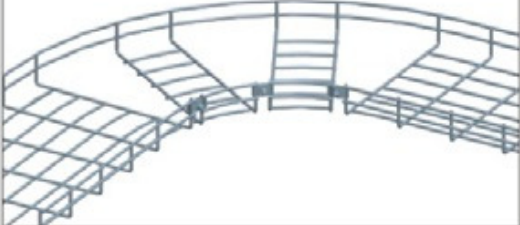

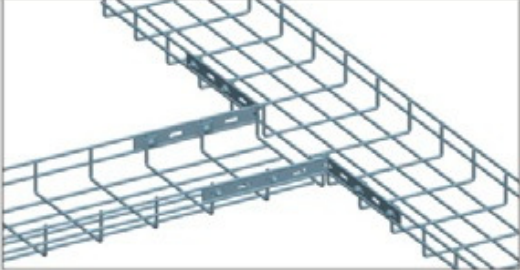
BENDS - HORIZONTAL BEND

Width	Cut	Bend
50mm		
100mm 150mm		
200mm		
300mm		
400mm 450mm		

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WIRE MESH CABLE TRAY (CABLE BASKET)

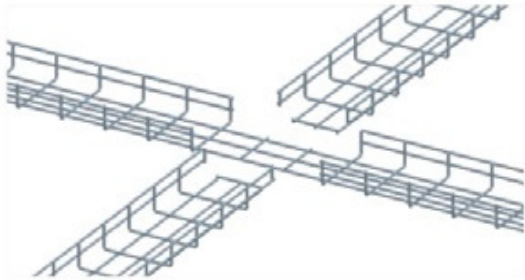
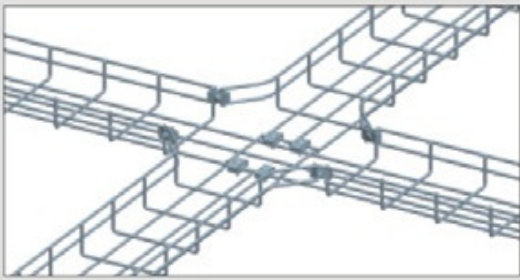

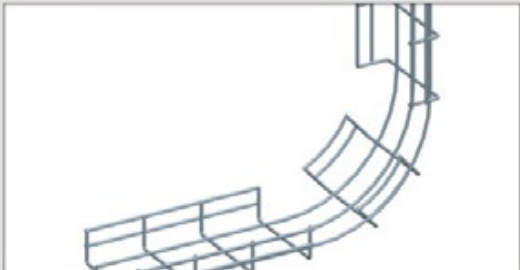
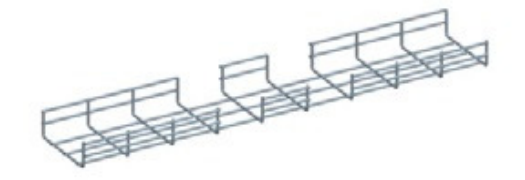

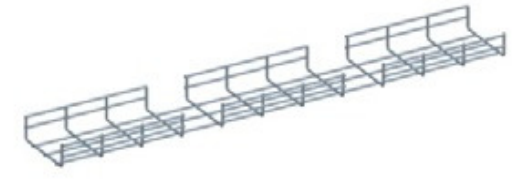
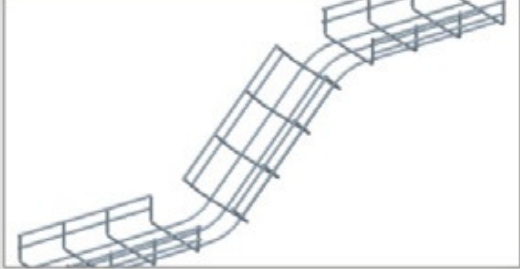
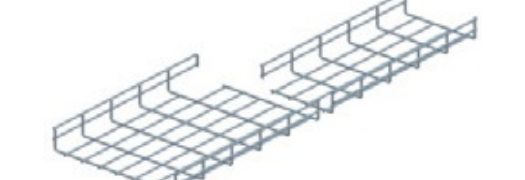

BENDS - HORIZONTAL BEND

Width	Cut	Bend
500mm		
600mm		
Split joint		
Radian bend		
T Connector		

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WIRE MESH CABLE TRAY (CABLE BASKET)

BENDS - OTHER BEND

	Cut	Bend
Cross joint		
Inside bend		
Outside bend		
Zigzag		
Reducer		

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WIRE MESH CABLE TRAY (CABLE BASKET)

Size and Loading information

LOADING AND WEIGHT

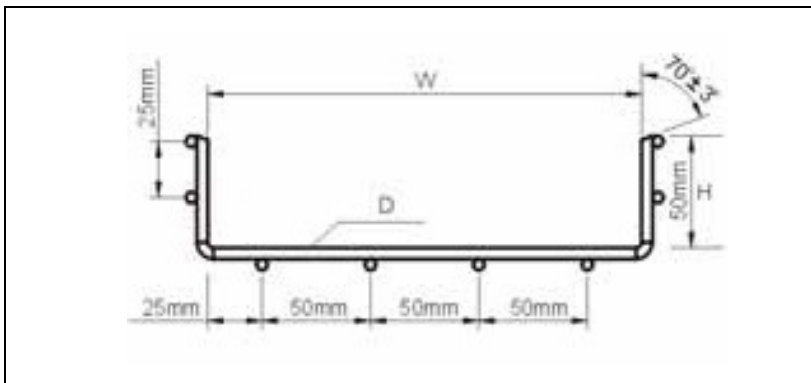
W	NOMINAL DIMENSION		LENGTH (mm)	Max. Load @ 1.2m Span (Kg / m)	Cable Fill Area mm sq	Weight (Kg)
	WIDTH (mm)	HEIGHT (mm)				
	300	100	3000	170	30000	9
	400	100	3000	172	40000	10.5
	450	100	3000	175	45000	11.2
	500	100	3000	177	50000	12
	600	100	30000	179	60000	14

Remarks :

- Support every 1.2m of Span, and on both sides of each splice, intersection or change in elevation

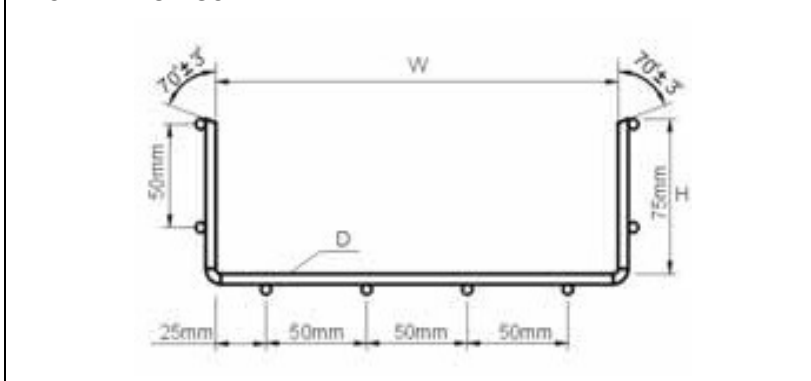
DIMENSIONS

50MM HEIGHT



100MM HEIGHT

- INSTALLATION GUIDE



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WIRE MESH CABLE TRAY

WIRE MESH CABLE TRAY

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