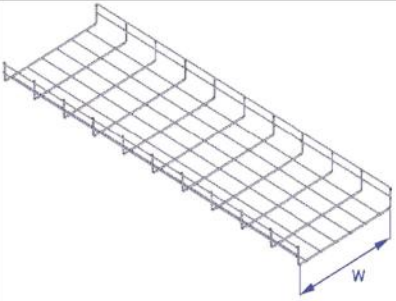
CABLE MESH 50mm



PRODUCT INFORMATION

Finish:
Pre-Galvanised
Hot Dip Galvanised
Power Coated to various colours (made to order)
Stainless Steel (made to order)
Zinc Plated (made to order)
Length: 3mtrs
Width: As per table below
Cable laying depth: 50mm

Loading Data:

Tested in accordance with Nema Standards VE1-2009/IEC61537
Loading applies to 600mm wide section and results may vary for other widths

Ordering Code	"W" Cable Laying Width (mm)	Overall Width (mm)	Finish
DM100	100	120	PG = Pre-Galvanised
DM150	150	170	H = Hot Dip Galvanised
DM200	200	220	PC_ "Colour name" = Powder Coated "Colour"
DM300	300	320	S = Stainless Steel
DM400	400	420	
DM450	450	470	
DM500	500	520	
DM600	600	620	

Example: DM – 150 - PG for Cable Mesh 150mm 3mtrs Pre-Galvanised
DM – 300 - PCW for Cable Mesh 300mm Powder Coated White

CABLE MESH

DMS Side Joiner

DMU20 & DMU30 Brackets

TRCC Fasteners

DMKIT1

DMSB Bolt Joiner

DM UFA Hanger

DMHH Hanging Hook

DWC Batman Clip Quick Hold Down

DMU4008 Hold Down

DMCEPG Cable Exit

Spider Bracket

Trapeze Brackets

DMTB41

DMTB21

DMELU Bendable Coupler

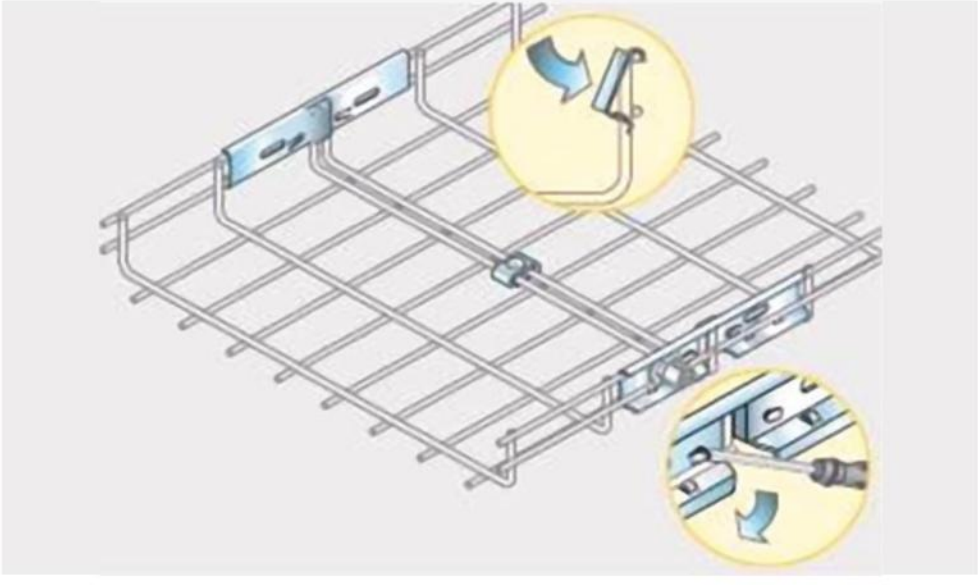
BCUT Offset Jaw Bolt Wire Cutter

JOINING MESH

Parts required for one tray join:

2 x DMS Mesh Splice Plate

1 x DMSB Bolt Joiner (only required for tray over 300mm)



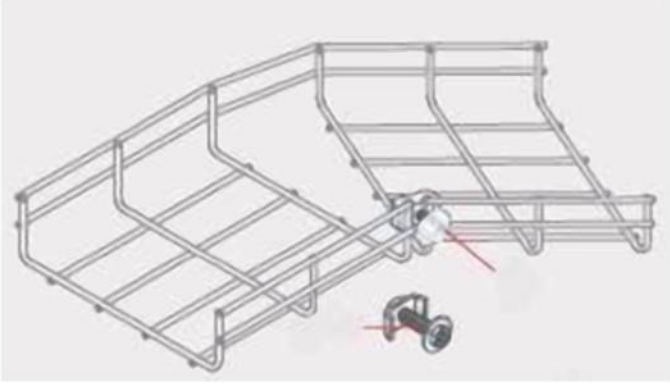
For tray over 300mm wide it is recommended that an extra set of DMSB Mesh Bolt Joiner are used in the centre of the tray as shown in this diagram.

CURVED ASSEMBLY

Cable mesh can easily be formed on-site using bolt cutters and some simple hardware items. Below is suggested way in forming tees and bends and the hardware required for the process.

Parts required for one bend:

1 x DMSB Mesh Bolt Joiner



CURVED ASSEMBLY WITH SMALL RADIUS

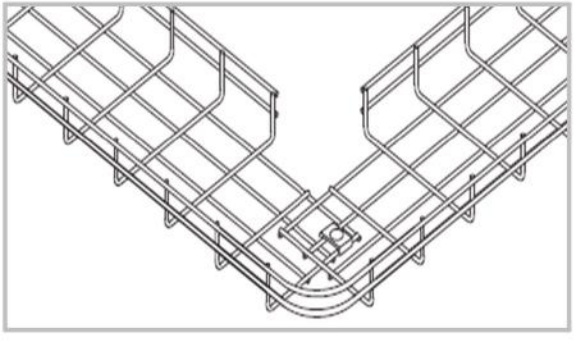
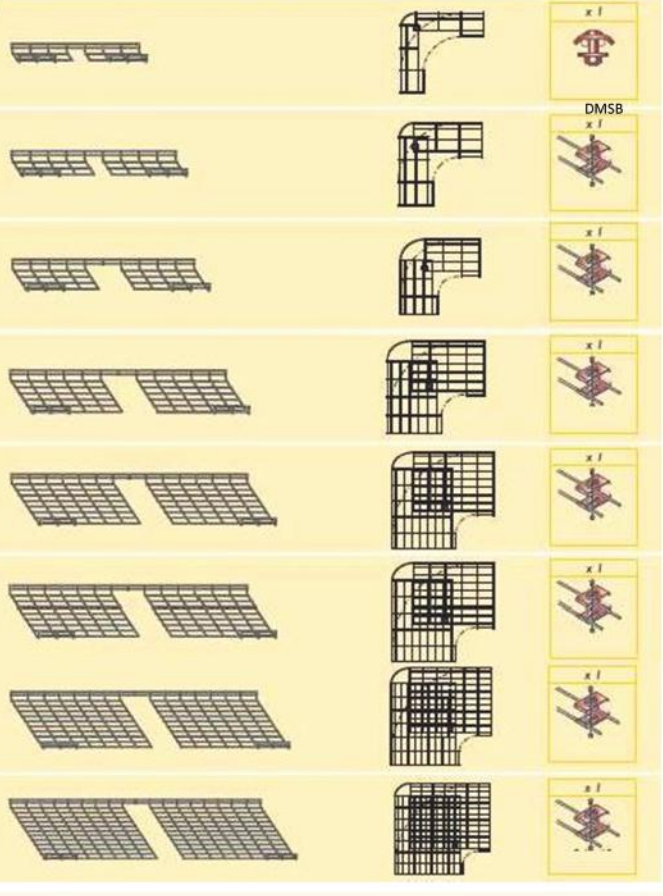


Diagram on left shows typical assembly for short radius bends for tray sizes 100mm-600mm. Fixing hardware can be chosen to suit specific application as shown on 5S Systems catalogue.

CURVED ASSEMBLY WITH SMALL RADIUS

Below are the cutting patterns to construct short radius bends.

WIDTH mm	FITTINGS REQUIRED	RADIUS mm
100	1	35
150	1	110
200	1	120
300	1	120
400	2	120
450	2	120
500	2	120
600	2	120



ASSEMBLY REQUIRED FOR JOINING RADIUS BENDS

DMSB Bolt Joiner OR **DMU4008 Hold Down** + **TRCC x 1**



CURVED ASSEMBLY WITH LARGE RADIUS

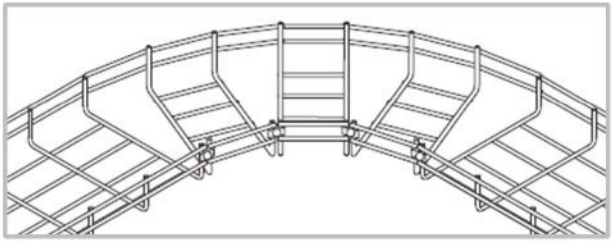


Diagram on left shows typical assembly for large radius bends for tray sizes 100mm-600mm. Fixing hardware can be chosen to suit specific application as shown on following page.

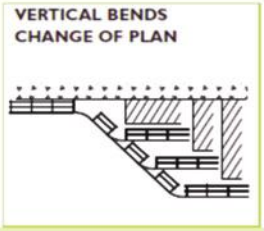
W mm	R mm	L mm		
100	230	530		x 3
150	300	650		x 4
200	260	660	x 2	x 2
300	440	940	x 4	x 2
400	460	1060	x 6	x 2
450	480	1080	x 6	x 2
500	610	1310		x 9
600	570	1370		x 11

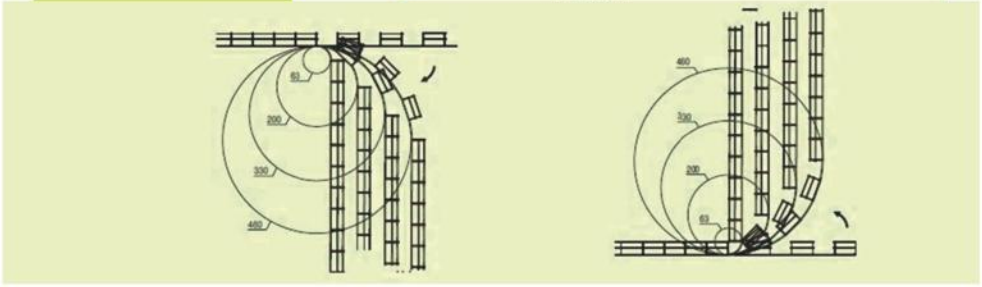
Indicates 1 x DMSB (Mesh Bolt Joiner) to join cross wires

Indicates 2 x DMSB (Mesh Bolt Joiner) and 1 x DMELU Bendable Coupler to join cross wires

VERTICAL RISERS - EXTERNAL / INTERNAL

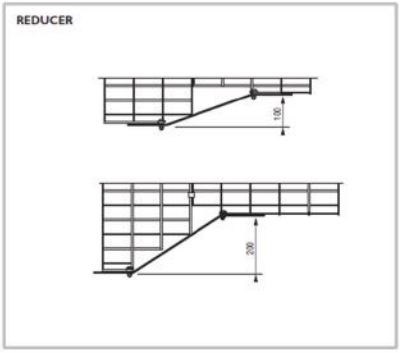
Vertical risers can be easily configured on site by simply cutting away sections of tray and bending the line wire to suit your needs. Below are some examples of how you can achieve vertical bends on site.





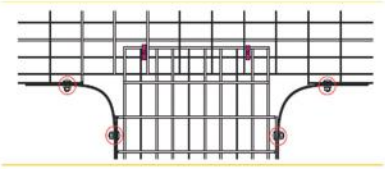
REDUCERS

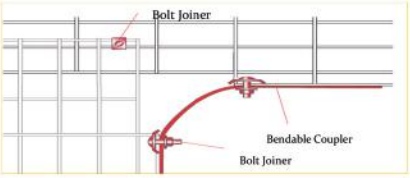
Reducing the tray size on site is also very easy using 3 fittings and cutting the tray as shown below.

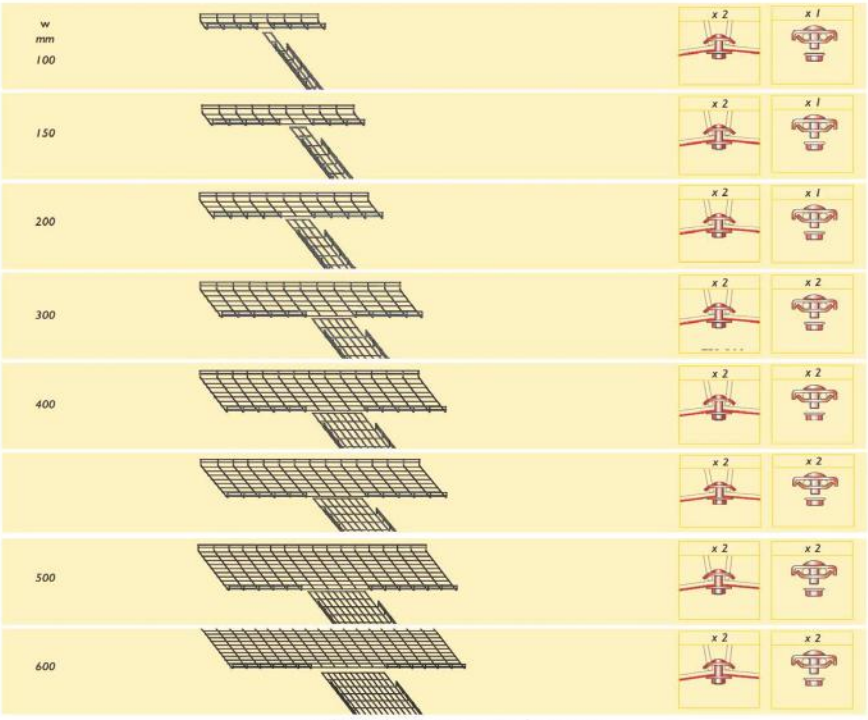


T - SECTION LARGE RADIUS

Large radius T-section and crosses are easily formed on site using limited fittings and accessories. The diagrams below show the basic principle in forming a large radius t-bend and/or cross. Cutting patterns and hardware requirements are shown below







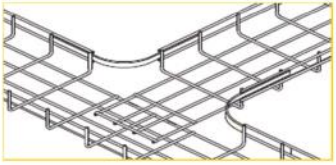
Double the hardware quantity for crosses

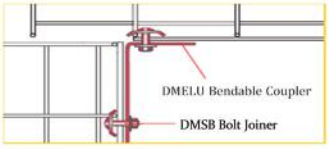
Indicates 1 x DMSB Bolt Joiner set or 1 x DMU20, 1 x DMU30 and 1 x TRCC nut & bolt

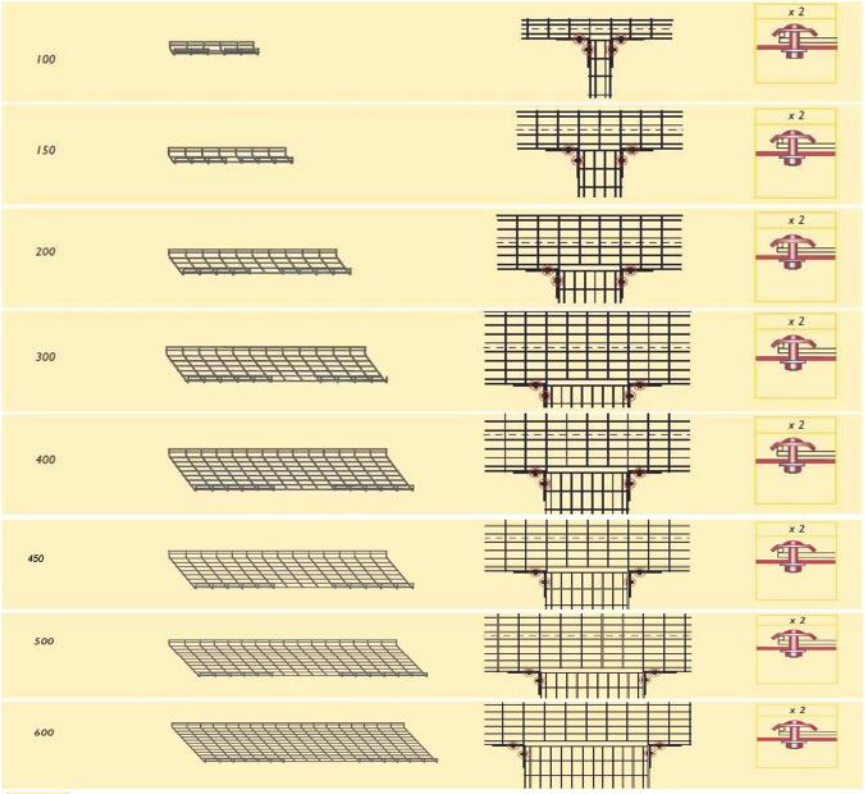
Indicates 2 x Bolt Joiner and 1 x Bendable Coupler

T - SECTION SMALL RADIUS

Small radius T-sections can be cut and made on site using only a screwdriver and bolt cutters. Below are cutting patterns and hardware requirements for each tray size.







Indicates 2 x Bolt Joiners and 1 x DMELU Bendable Coupler

Double hardware quantities for crosses (example, 8x DMSB Bolt Joiner and 4 x DMELU Bendable Couplers)