

# EzyStrut



## EZYMESH

cable mesh



# EzyStrut

Straight Length

Bend

External Riser

Internal Riser

Tee

Cross

Bolt Joiner

Side Joiner

Bottom Joiner

Wall Mount

Trapeze

Cantilever Bracket

Cutter



# EZYMESH

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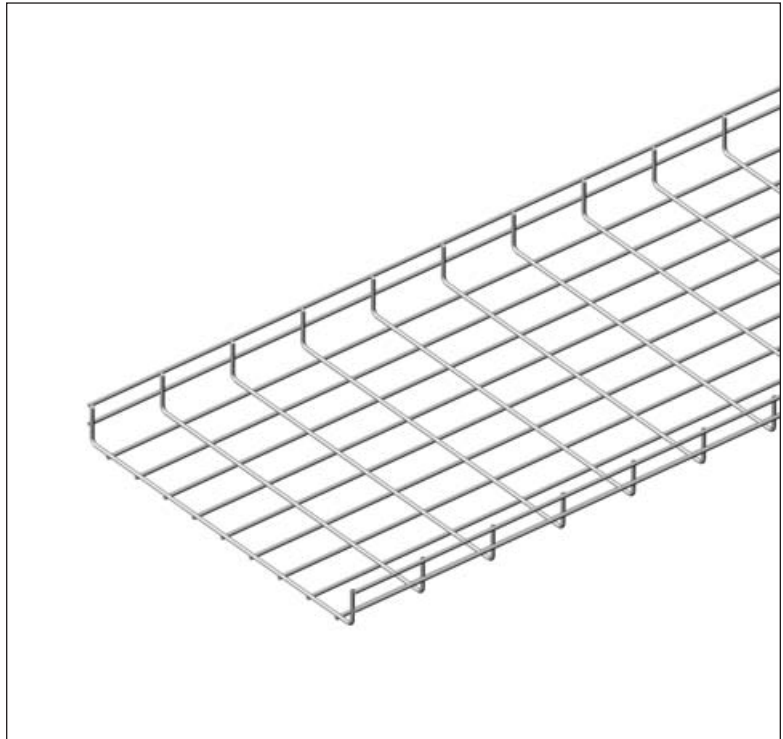
## PRODUCT DETAILS

EzyStrut Cable Mesh provides premium performance in commercial and light industrial applications.

Strong, versatile and easy to install EzyMesh is complimented with all the accessories you need.

With no need for separate bends, tees and crosses, your EzyMesh lengths can be created into tees, risers and crosses to suit the application.

Tested to NEMA Standard VE1-2002



**CABLE MESH**

## ORDERING DETAILS

Sold in 3 metre lengths.

Available finish

- **Z** - Zinc Plated
- **H** - Hot Dip Galvanised

Ordering Code	Cable Laying Width mm	Cable Laying Depth mm	Overall Width mm	Side Rail Height mm
EM150_	150	47	170	58
EM300_	300	47	320	58
EM450_	450	47	470	58
EM600_	600	47	620	58

↑  
 H - Hot Dip Galvanised  
 Z - Zinc Plated

## LOAD RATING AND DEFLECTION

Span (metres)	Load per Metre	Deflection
3.0	27 kg	21 mm
2.5	39 kg	16 mm
2.0	61 kg	13 mm
1.5	109 kg	9 mm

EzyMesh Cable Mesh has been tested in accordance with NEMA standards and the load ratings certified by a NATA accredited testing facility. Loading applies to 600 mm wide section and loading may vary for other widths.

A guide to deflection for continuous runs has been included for easy reference, however it should be noted that the positioning of splice joints and loading techniques can significantly impact upon the actual deflection.

### ORDERING DETAILS

Ordering Code **EMBC**



**CUTTER**

### MATERIAL SPECIFICATIONS

The EzyMesh Bolt Joiner Kit is manufactured from pressed steel.

### ORDERING DETAILS

Supplied with Grade 4 .6 fasteners for assembly.

Available Finish **Z**

Ordering Code **EMSB**



**BOLT JOINER KIT**

Wt: 0.1 kg

### MATERIAL SPECIFICATION

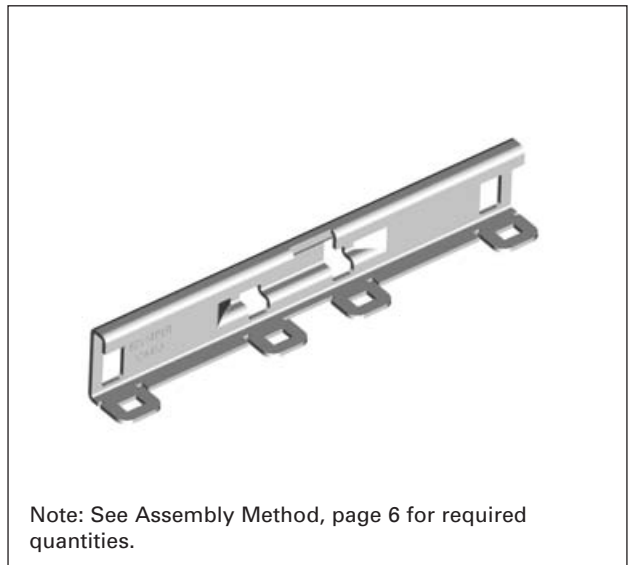
Manufactured from 2mm Pressed steel to AS1594

### ORDERING DETAILS

Sold individually

Available finish **Z**

Ordering Code **EMS**



Note: See Assembly Method, page 6 for required quantities.

**SIDE JOINER**

Wt: 0.17 kg

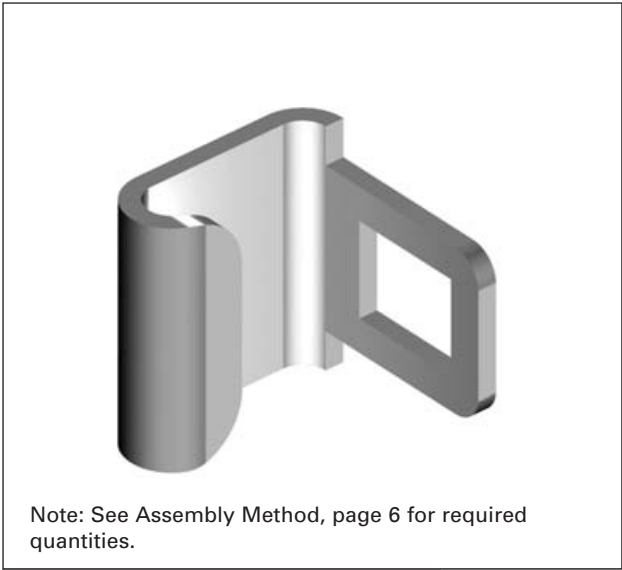
Span metres	Max Allowable Load per Metre kg/m
3.0	27
2.5	39
2.0	61
1.5	109

The published load results are based on uniformly loaded, simply supported span.

<p><b>MATERIAL SPECIFICATION</b> Manufactured from 2mm Pressed steel to AS1594</p>	<p><b>ORDERING DETAILS</b> Sold individually Available finish Z Ordering Code <b>EMSC</b></p>
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Span metres	Max Allowable Load per Metre kg/m
3.0	27
2.5	39
2.0	61
1.5	109

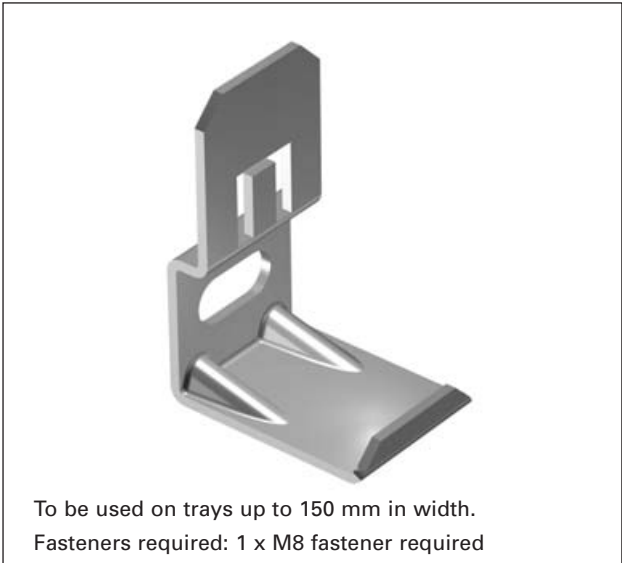
The published load results are based on uniformly loaded, simply supported span.



Note: See Assembly Method, page 6 for required quantities.

**BOTTOM JOINER** Wt: 0.017 kg

<p><b>MATERIAL SPECIFICATION</b> Manufactured from pressed sheet steel to AS1594</p>	<p><b>ORDERING DETAILS</b> Sold individually Available finish Z Ordering Code <b>EMWB</b></p>
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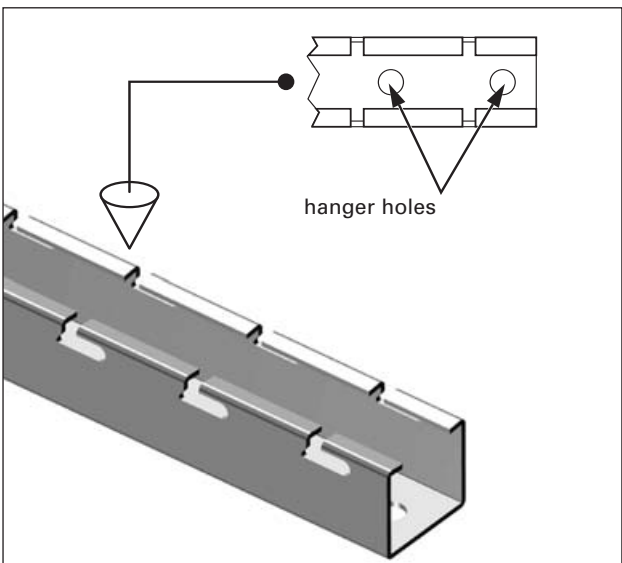


To be used on trays up to 150 mm in width.  
Fasteners required: 1 x M8 fastener required

**WALL MOUNT** Wt: 0.049 kg

<p><b>MATERIAL SPECIFICATION</b> Manufactured from pressed sheet steel to AS1594</p>	<p><b>ORDERING DETAILS</b> Sold individually Available finish Z Standard 3 metre length Ordering Code <b>EMT</b></p>
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Span metres	Width mm	Load Capacity kg
EMT150	250	90
EMT300	400	90
EMT450	550	90
EMT600	700	90



**TRAPEZE**

### MATERIAL SPECIFICATION

EzyMesh Cantilever brackets are manufactured from steel to AS1594 standard

Thickness 2.0mm

Hole Diameter 11 mm

Hole Spacing 50mm

### ORDERING DETAILS

Sold individually

Available finish Z, H

Ordering Code	Length L mm	Load Capacity kg	Weight kg
EMC	150	90	1.3
EMC	300	90	1.8
EMC	450	90	2.2
EMC	600	90	2.4



**CANTILEVER BRACKET**

EzyMesh Width	Number of Side Joiners Required	Number of Bottom Joiners Required
EM150	2 x CMSJ	1 x CMSJ
EM300	2 x CMSJ	2 x CMSJ
EM450	2 x CMSJ	2 x CMSJ
EM600	2 x CMSJ	3 x CMSJ

Order Joiners separately for joining Cable Mesh lengths.

**Bend tab by levering down on the screwdriver.**

**Bend tab by levering down on the screwdriver.**

## JOINING A STRAIGHT LENGTH

**Bend tab inward by levering across with the screwdriver.**

## ASSEMBLING A WALL MOUNT

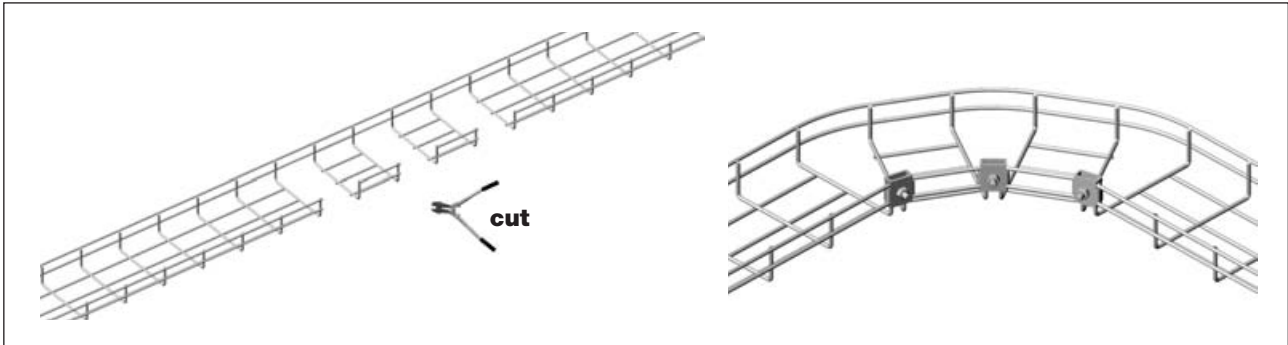
**Bend tab by levering down on the screwdriver.**

## ASSEMBLING A TRAPEZE

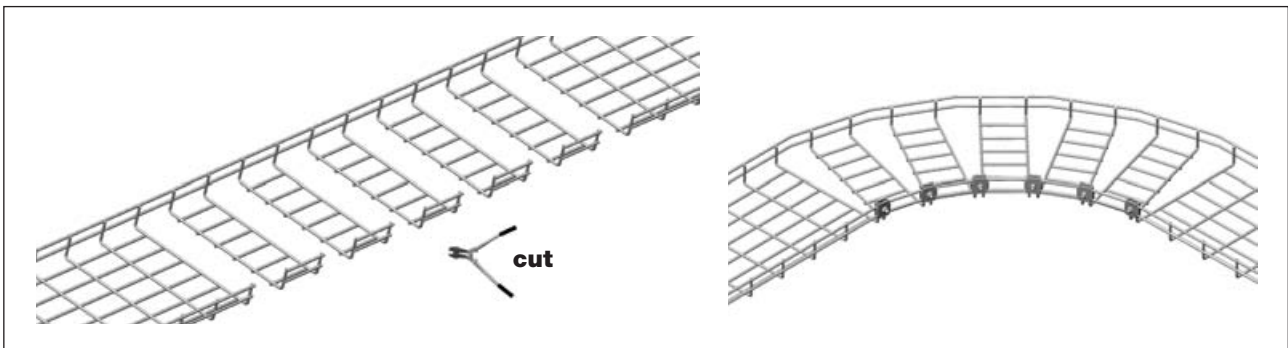
EzyMesh Width	Number of Cut-outs	Number of Bolt Joiner Kits
EM150	3	3
EM300	6	6
EM450	4	4
EM600	6	6

Order Bolt Joiner Kits separately for joining.

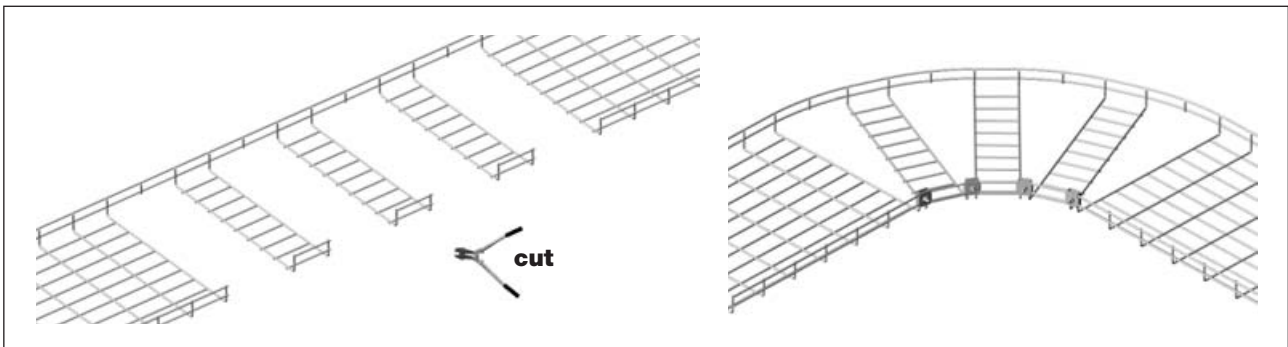
Ordering Code EMSB



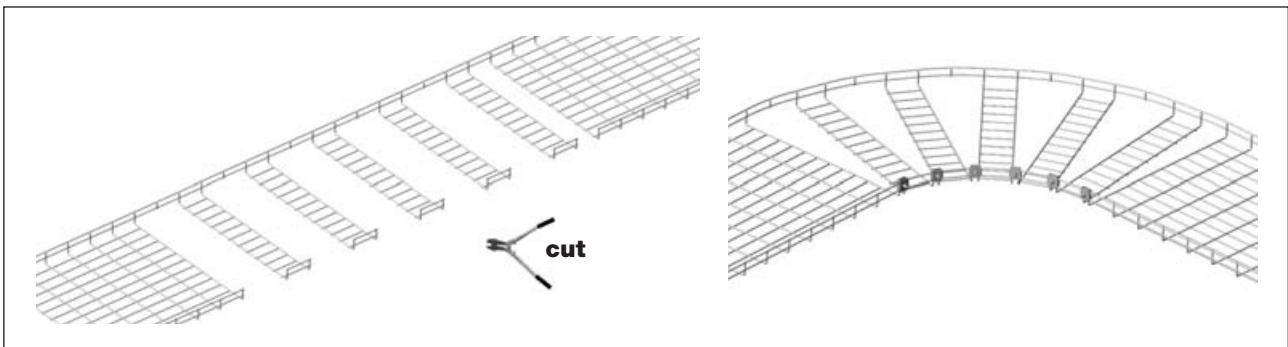
**150 WIDE EZYMESH - 90 DEGREE BEND**



**300 WIDE EZYMESH - 90 DEGREE BEND**



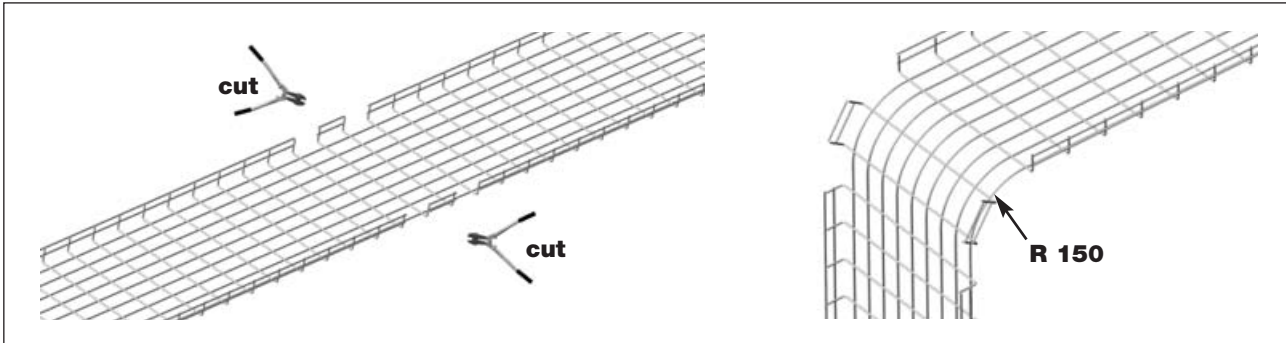
**450 WIDE EZYMESH - 90 DEGREE BEND**



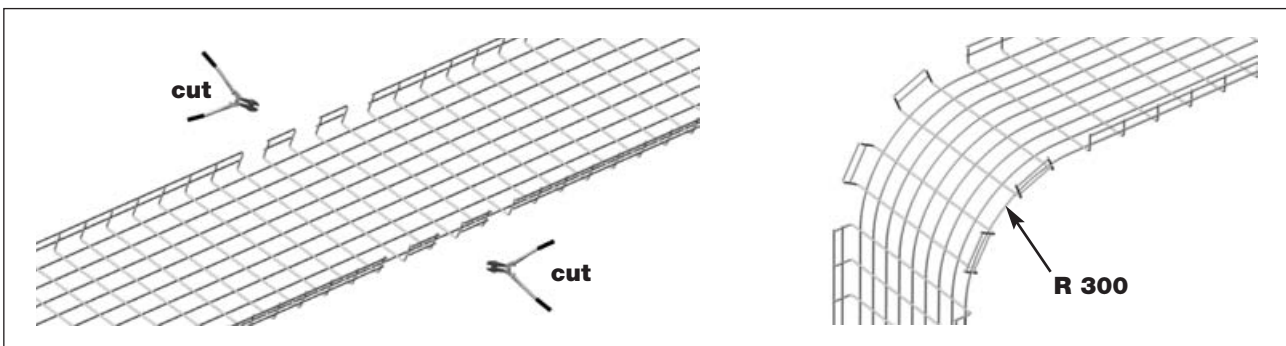
**600 WIDE EZYMESH - 90 DEGREE BEND**

EzyMesh Width	Number of Cut - outs			
	150 Radius	300 Radius	450 Radius	600 Radius
EM150	4	6	8	10
EM300	4	6	8	10
EM450	4	6	8	10
EM600	4	6	8	10

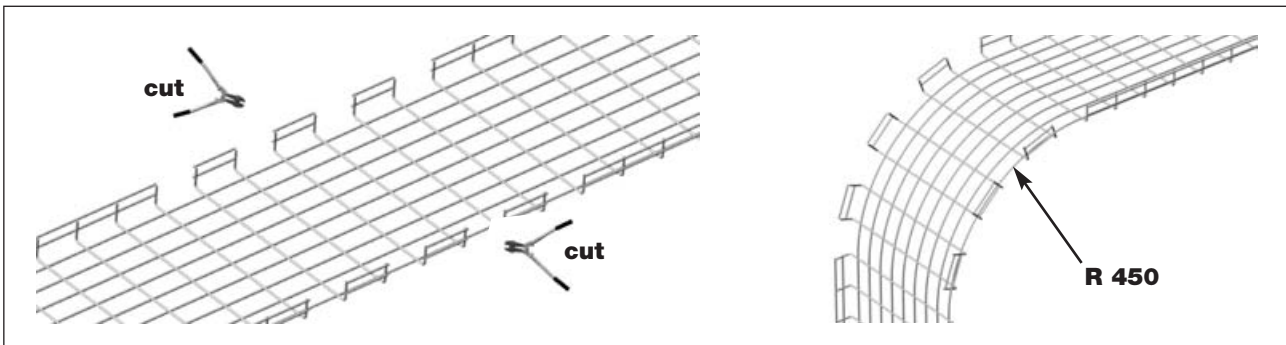
Note: Illustrations below show an EM450 as typical.



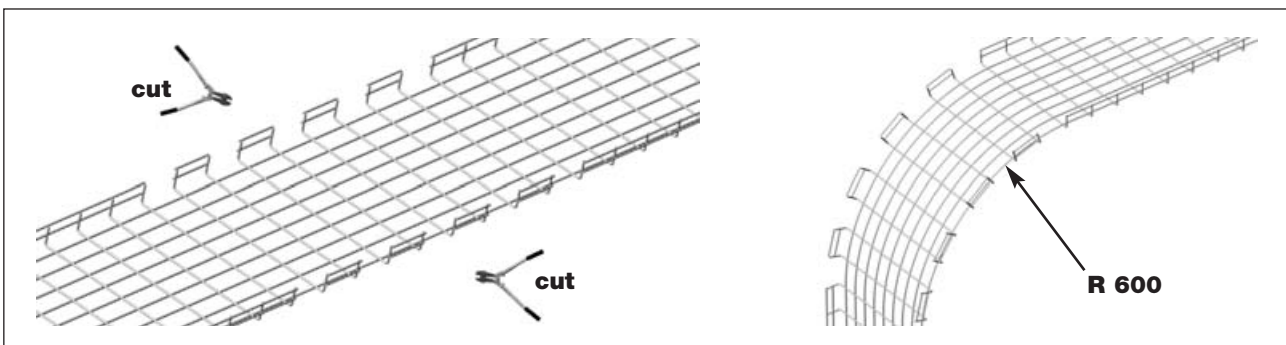
**CABLE MESH - EXTERNAL RISER 150 RADIUS**



**CABLE MESH - EXTERNAL RISER 300 RADIUS**



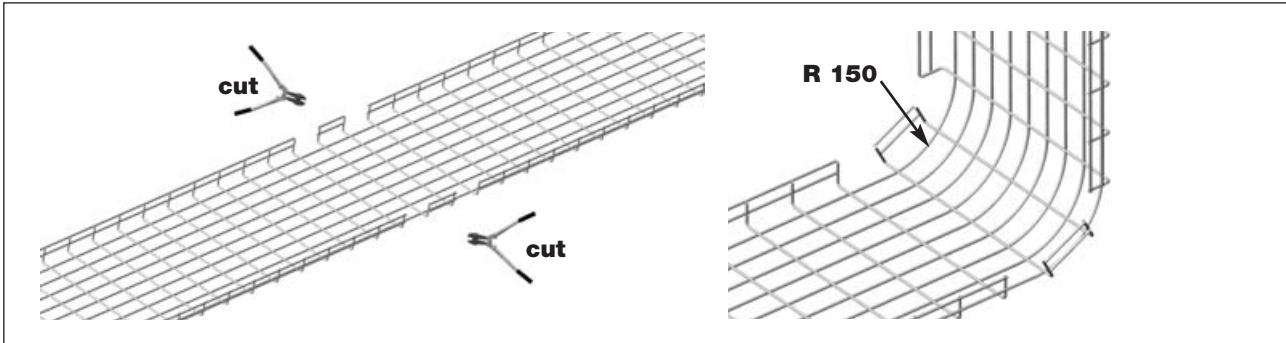
**CABLE MESH - EXTERNAL RISER 450 RADIUS**



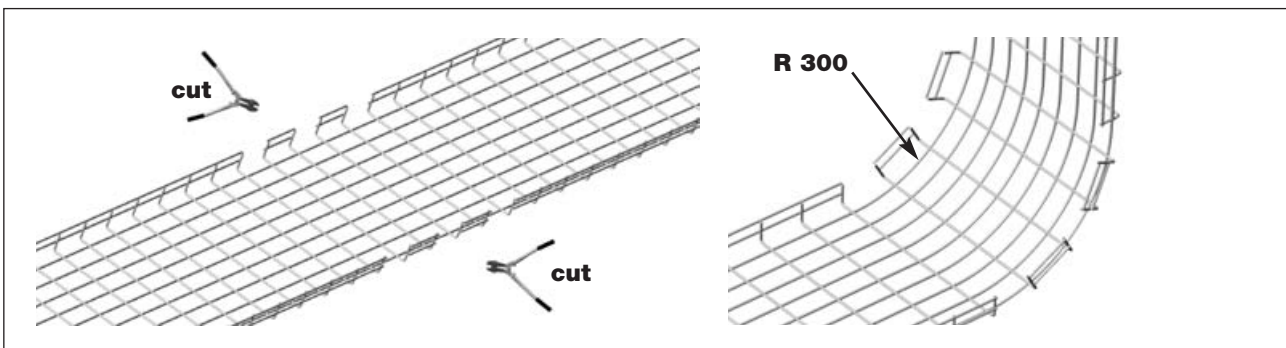
**CABLE MESH - EXTERNAL RISER 600 RADIUS**

EzyMesh Width	Number of Cut - outs			
	150 Radius	300 Radius	450 Radius	600 Radius
EM150	4	6	8	10
EM300	4	6	8	10
EM450	4	6	8	10
EM600	4	6	8	10

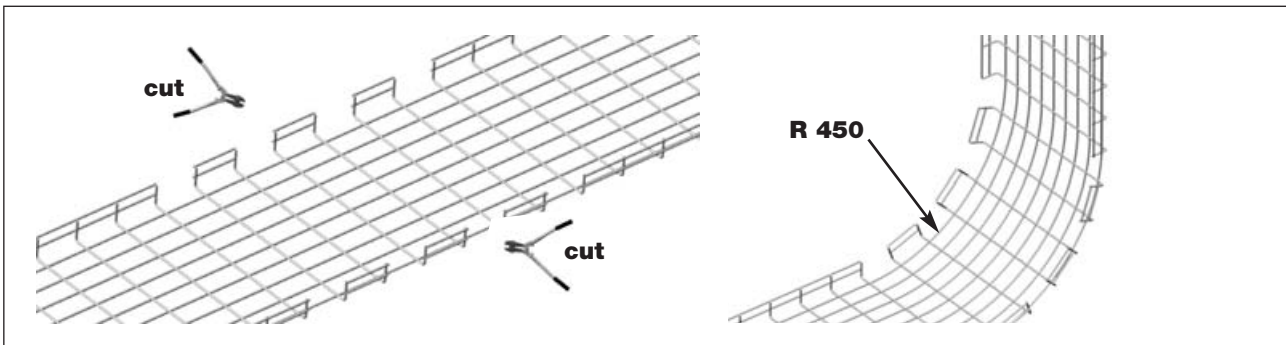
Note: Illustrations below show an EM450 as typical.



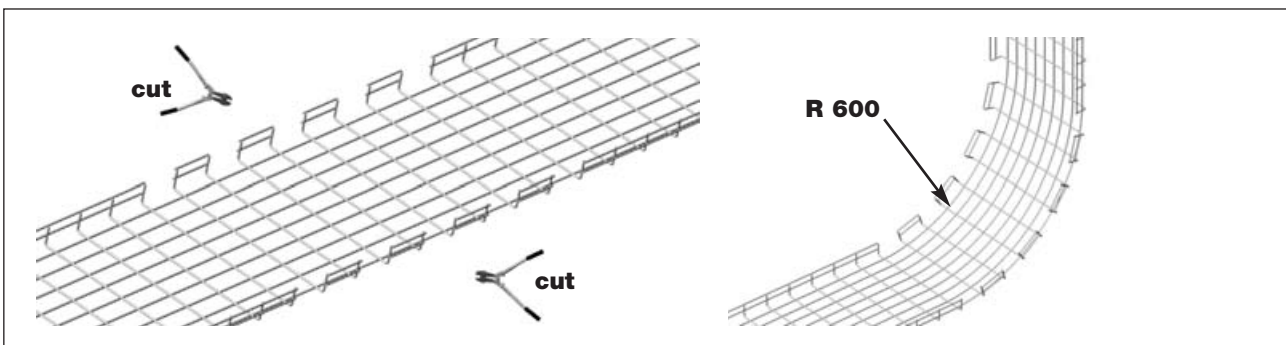
**CABLE MESH - INTERNAL RISER 150 RADIUS**



**CABLE MESH - INTERNAL RISER 300 RADIUS**



**CABLE MESH - INTERNAL RISER 450 RADIUS**

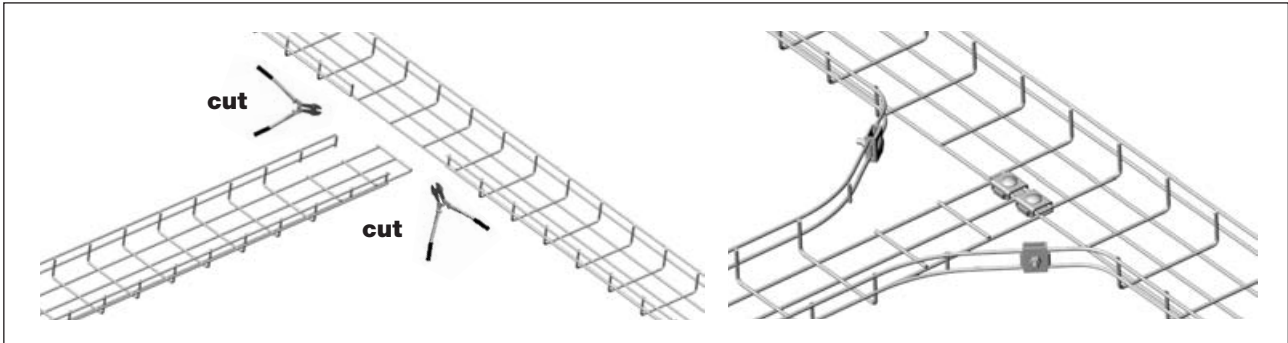


**CABLE MESH - INTERNAL RISER 600 RADIUS**

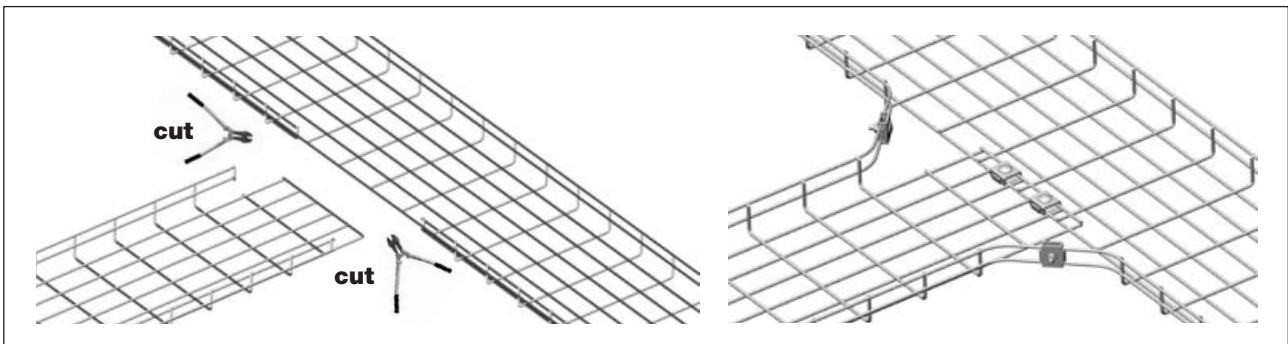
EzyMesh Width	EM150	EM300	EM450	EM600
Recommended Number of Bolt Joiner Kits	4	4	6	7

Order the Bolt Joiner Kits separately for joining.  
Cut out the side of the tray to suit the width.

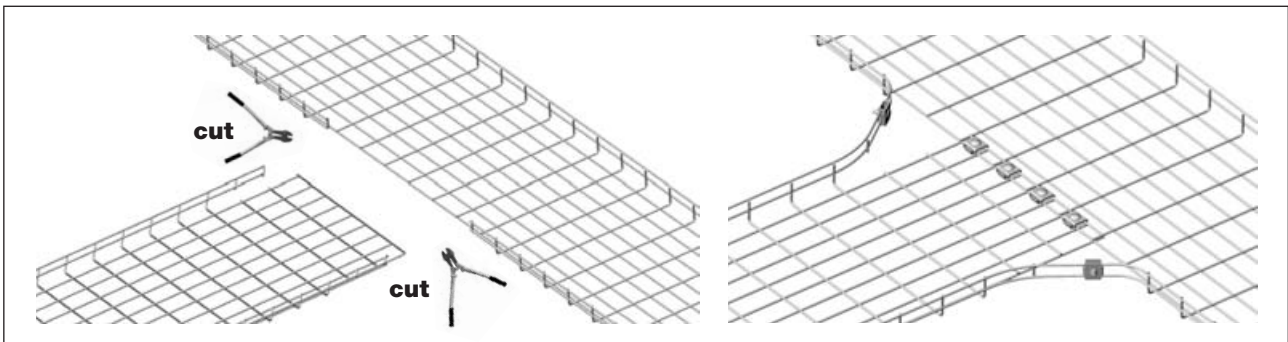
Ordering Code EMSB



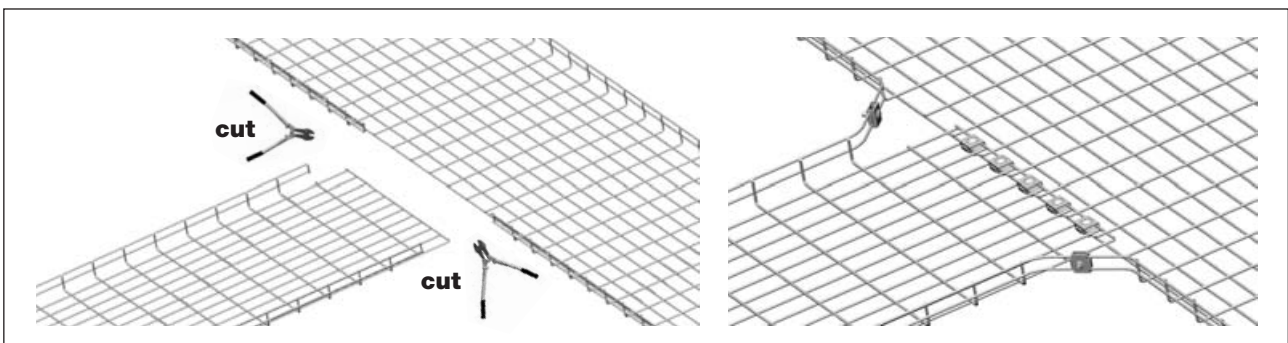
**CABLE MESH - TEE 150**



**CABLE MESH - TEE 300**



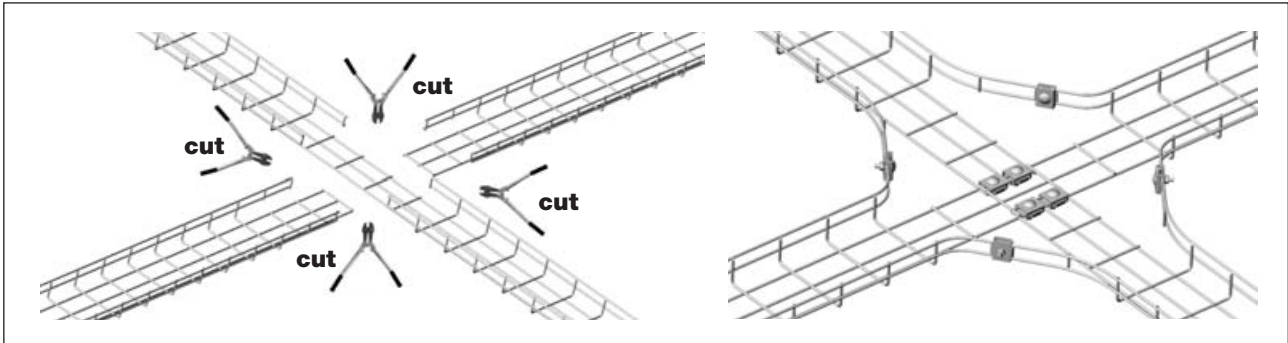
**CABLE MESH - TEE 450**



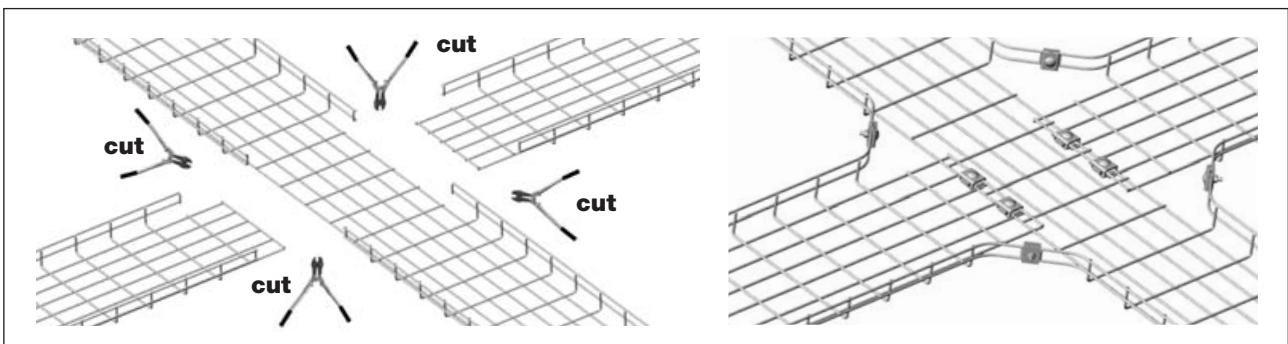
**CABLE MESH - TEE 600**

EzyMesh Width	EM150	EM300	EM450	EM600
Recommended Number of Bolt Joiner Kits	8	8	12	14

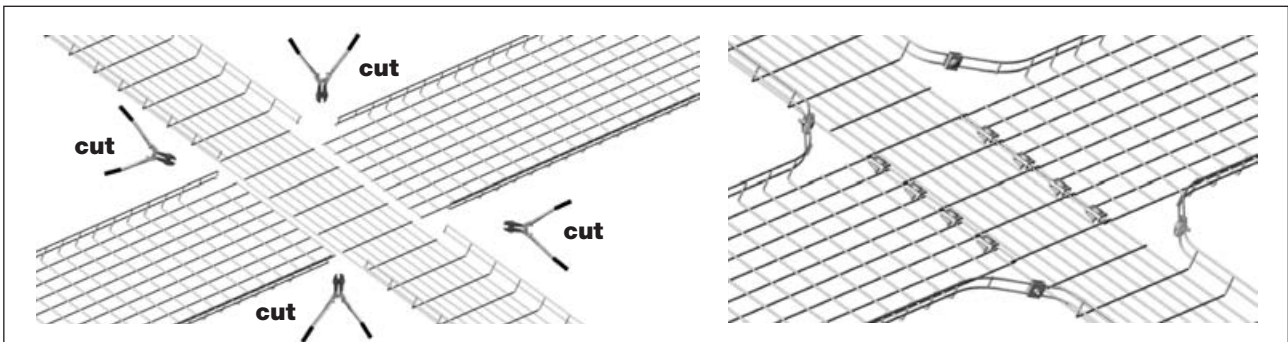
Order the Bolt Joiner Kits separately for joining.  
Cut out the side of the tray to suit the width.



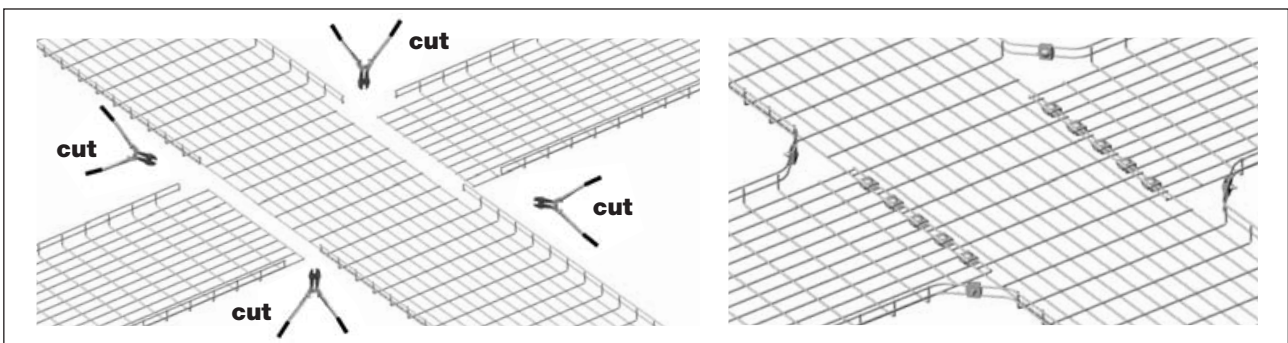
**CABLE MESH - CROSS 150**



**CABLE MESH - CROSS 300**



**CABLE MESH - CROSS 450**



**CABLE MESH - CROSS 600**



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