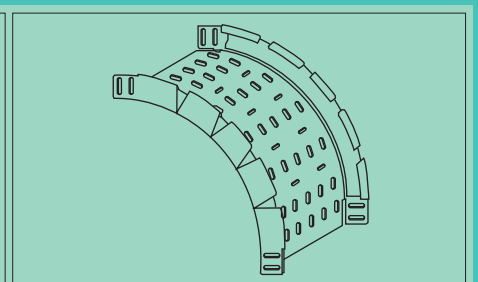
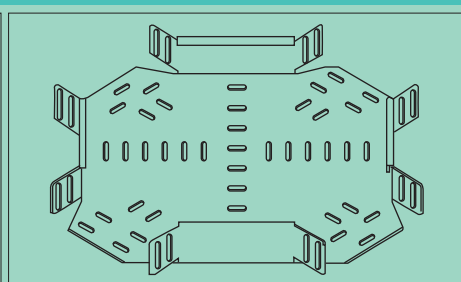
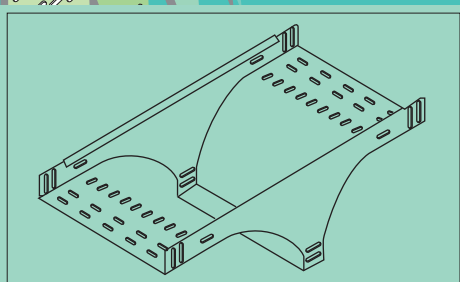
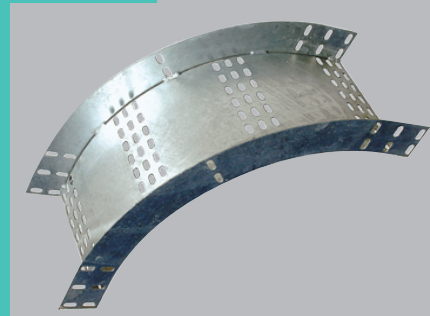
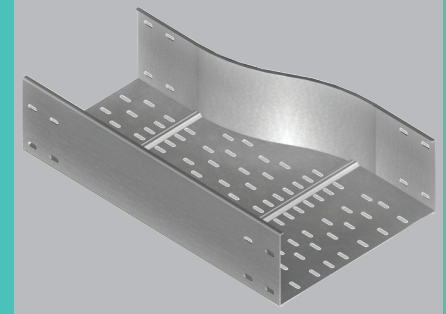
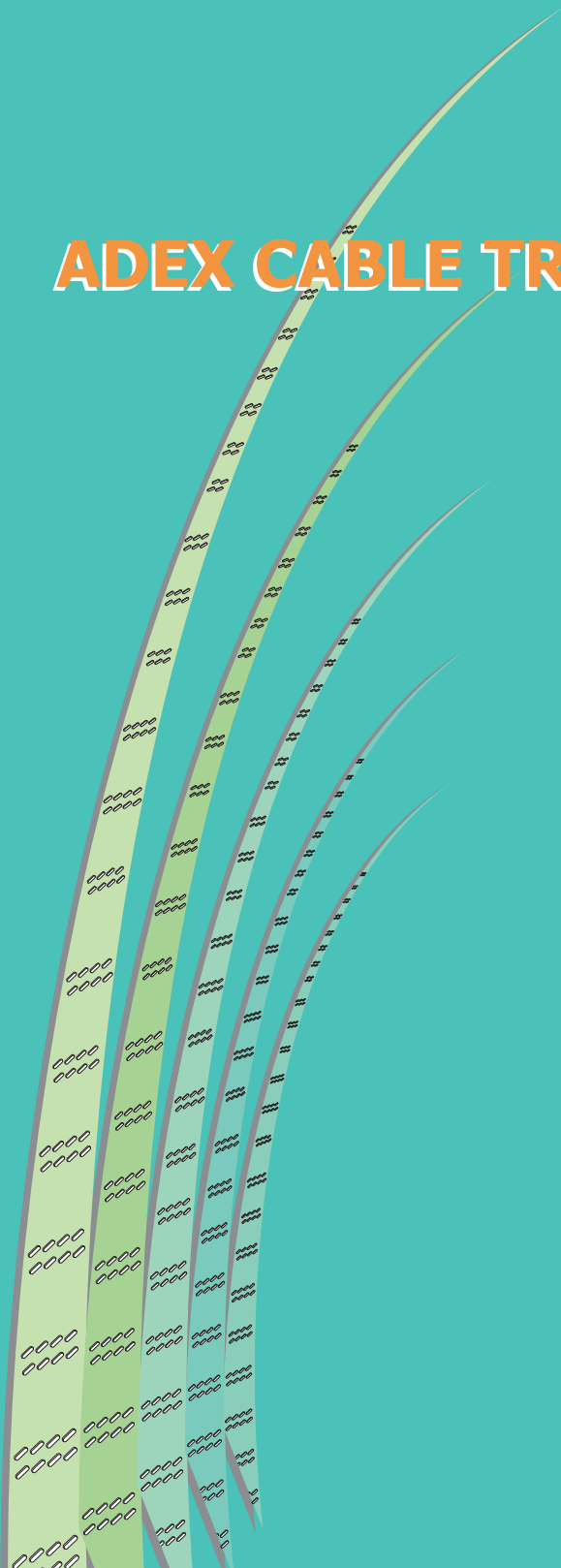


# ADEX CABLE TRAY



## Adex Cable Tray

Metallic Adex cable trays are manufactured for the smooth and easy pulling of cable from one point to another to BS EN 61537:2002. We have designed the best cable trays, by taking care of Cable loads and practical site problems. Wherever possible all fittings are made of state of art single piece construction. Slotting Patterns are in such a way that it enables the easy cutting and joining at any point without drilling at site. Design allows greater cable filling capacity and smooth turning at bends.

### Product specification

#### Material and Finish

- Pregalvanized steel or Zinc plating after steel fabrication (HDGBF) as per BS EN 10142
- Epoxy polyester Powder coating to any RAL colour

#### Types available

1. Light Duty Cable Tray (P Type)
2. Medium Duty Cable Tray (M Type)
3. Heavy Duty Cable Tray (R Type)

#### Standard sizes available in heavy duty cable tray

width x Height in mm		
50 x 50	200x50	600 x 50
100 x 50	300x50	750 x 50
150 x 50	450x50	900 x 50

Sizes other than this also available to customer request.

#### Length

3 Meter as standard. Other lengths are also available.

#### Slotting Pattern

Slots along the length (A) (Standard)

## Physical Details

Light Duty Cable Tray (P-Type)	Width	Thickness	Weight Kg/M
	50	1.00	0.60
	100	1.00	1.00
	150	1.00	1.40
	200	1.20	2.12
	300	1.20	3.12
	450	1.50	4.56
	600	1.50	7.50
	with 12mm side height		

Medium Duty Cable Tray (M-Type)	Width	Thickness	Weight Kg/M
	50	1.00	1.04
	100	1.00	1.44
	150	1.00	1.84
	200	1.20	2.68
	300	1.20	3.65
	450	1.20	5.08
	600	1.50	8.16
	750	2.00	13.28
	900	2.00	15.68
with 25mm side height			

Heavy Duty Cable Tray (R-Type)	Width	Thickness	Weight Kg/M
	50	1.00	1.44
	100	1.20	2.21
	150	1.20	2.69
	200	1.50	3.96
	300	1.50	5.16
	450	1.50	6.96
	600	2.00	11.68
	750	2.00	14.08
	900	2.00	16.50
with 25mm side height			

- The Thickness mentioned are as per our standard thickness. However customer can order different thicknesses as per their requirement.
- The above details are for guidance only.
- The Thickness and weight shown are for cable tray with Zinc plating after fabrication finish.
- Commercial Tolerance on Thickness Apply.
- Contact Sales desk for fitting thickness.

### Handling and Storage

Cable tray cannot be used as a walkway, means not suppose to withstand unusual excessive point loads. And not meant for torsional rigidity.

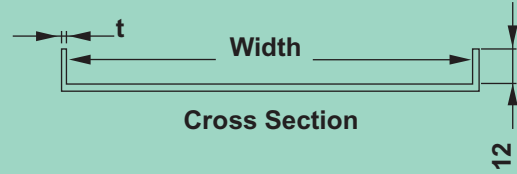
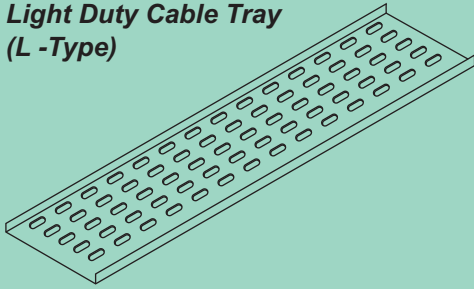
Adex tray should store in site in dry, well ventilated conditions and away from dust to preserve appearance for internal installations.

All cut edges of cable tray at site should be protected by applying Zinc rich paint to avoid further corrosion. Order Zinc rich paint separately.

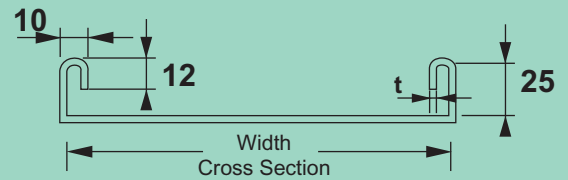
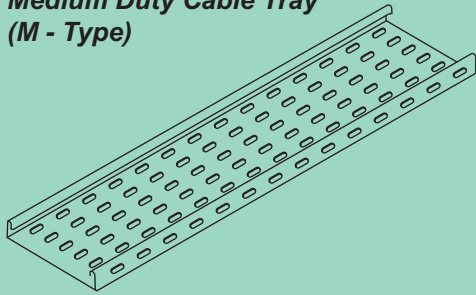
# Standard Perforated Adex Cable Tray

The width and height are the inside dimension of the tray. Only straight length needs coupler to join. Couplers Should be ordered separately.

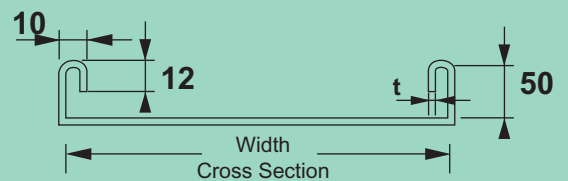
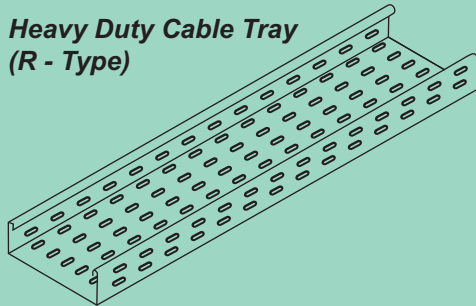
**Light Duty Cable Tray  
(L -Type)**



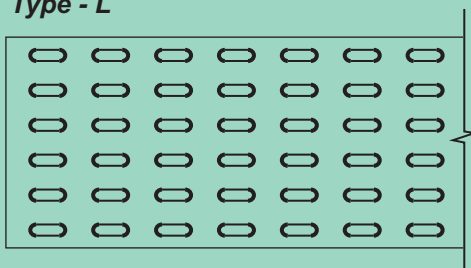
**Medium Duty Cable Tray  
(M - Type)**



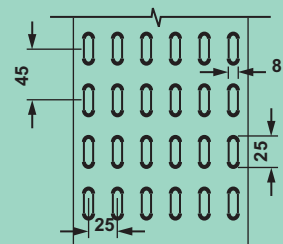
**Heavy Duty Cable Tray  
(R - Type)**



**Slotting Pattern  
Type - L**



**Perforation details**



Perforation details remain same for light duty, medium duty and heavy duty cable trays.

# Adex Cable Tray Fittings

All bends, tees (Except Vertical tee) and crosses shown are gusseted in shape and heavy duty in construction

### 90° Bend

Width W	Radius R
50	125
100	125
150	150
200	150
300 and above	250

Bends are available in 30 and 60 degrees also

### 45° Bend

Width W	Radius R
50	125
100	125
150	150
200	150
300 and above	250

Two 45o bends can be used to achieve offsets in horizontal direction.

### Adjustable Horizontal bend

Adjustable Horizontal Bends are available only upto and including 300mm width

### Horizontal Equal Tee

Width W	Radius R
50	125
100	125
150	150
200	150
300 and above	250

### Horizontal Unequal Tee

When ordering Horizontal Unequal Tee - Please order in the form of W1-W2 to fill the width column.

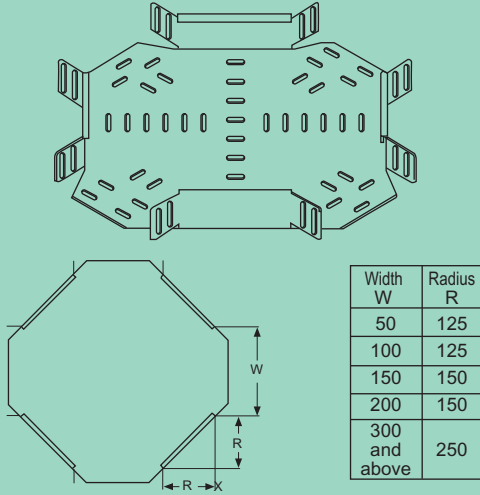
For any unequal Tee order, maintaining width (W1) of the Straight section identical by adding appropriate reducer where ever necessary. Width of the branches (W2) can vary from straight section.

### Vertical Tee

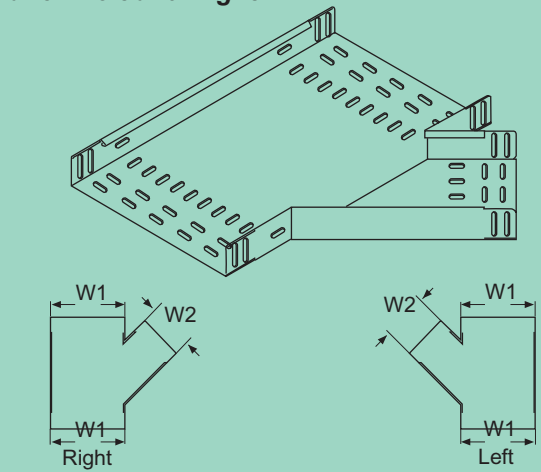
Radius type fittings are also available on request. Put R in the column of type of Curvature. Contact sales desk for various light and medium duty fittings.

# Adex Cable Tray Fittings

**Horizontal Cross**

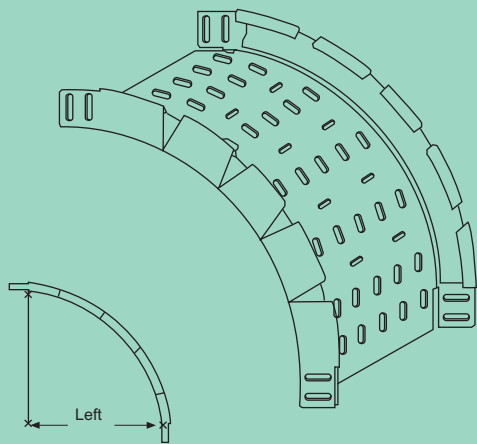


**Y Branch Left and Right**



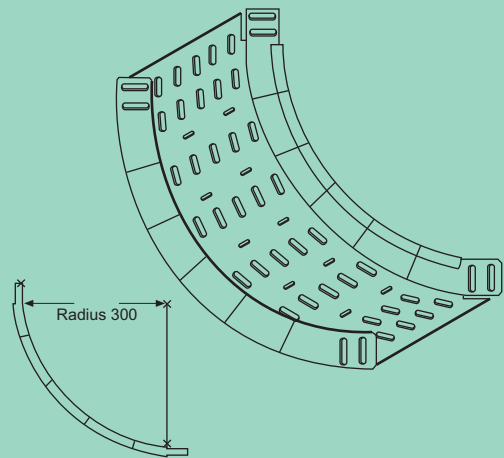
Cable is deviated t 45o from the main line

**90° Riser outside**

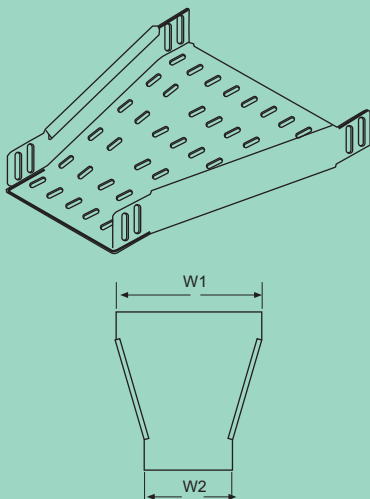


Risers are also available in 30, 45 and 60 degree

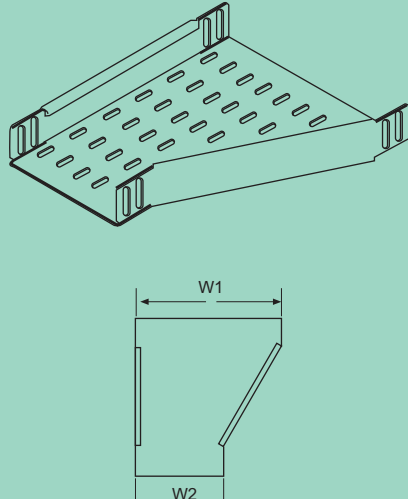
**90° Riser Inside**



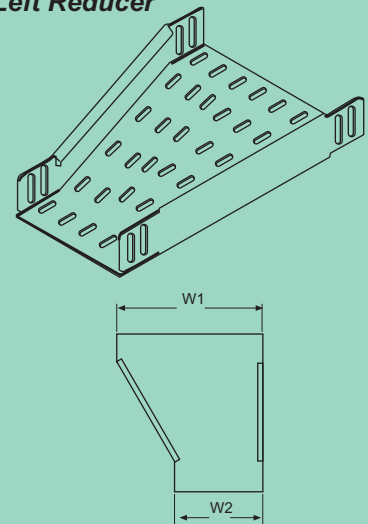
**Straight Reducer**



**Right Reducer**



**Left Reducer**

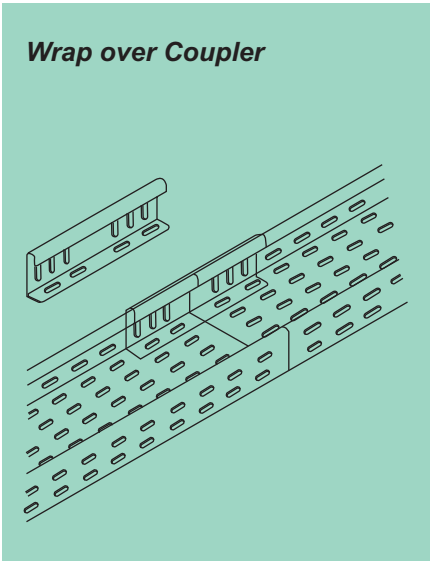


Note : Mention big dimension W1 first followed by W2 to fill the width column while ordering reducers.

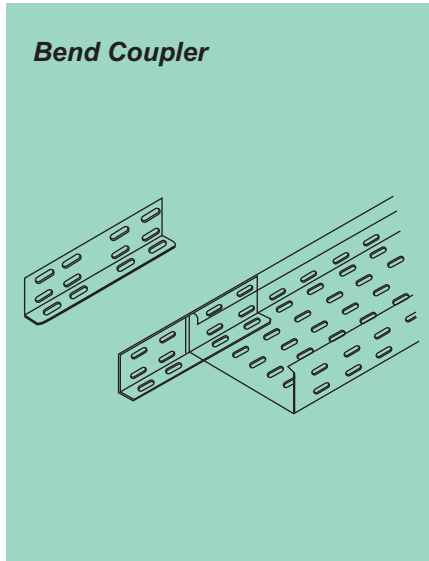
## Cable Tray Accessories

Couplers are supplied in pairs with eight sets of M6 x 16 mm roofing bolts, nuts & washers. Order the same fastenings to join fittings with cable tray.

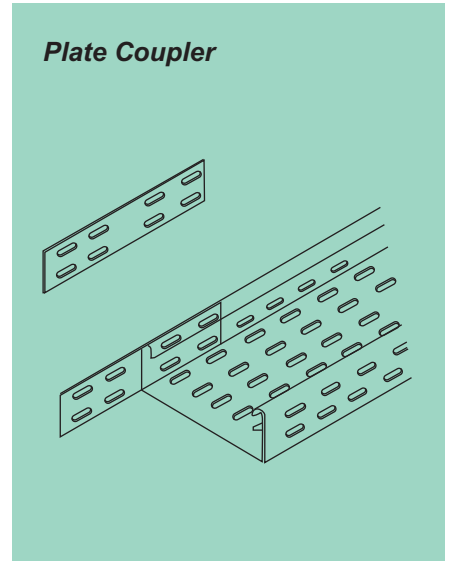
**Wrap over Coupler**



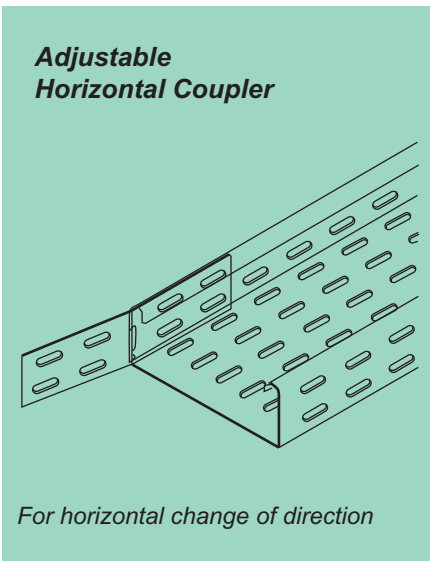
**Bend Coupler**



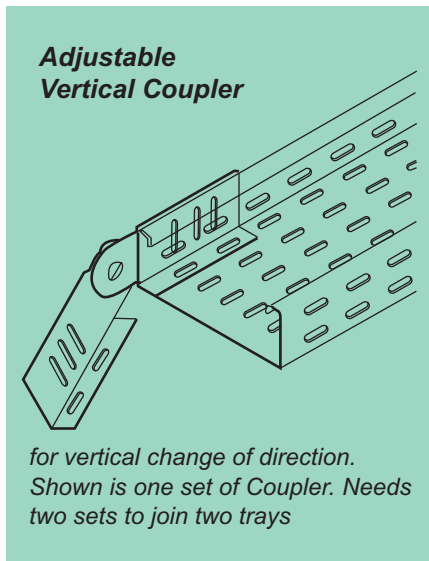
**Plate Coupler**



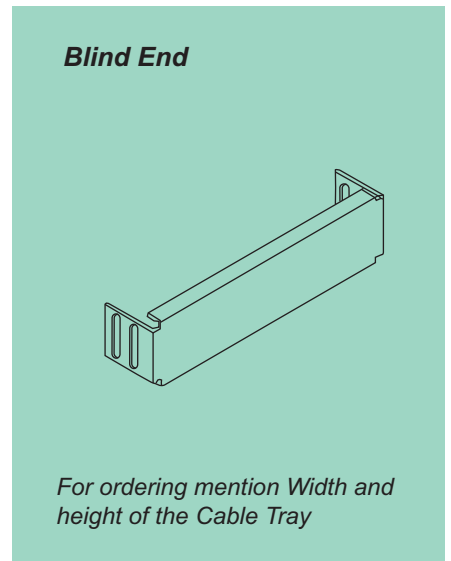
**Adjustable Horizontal Coupler**



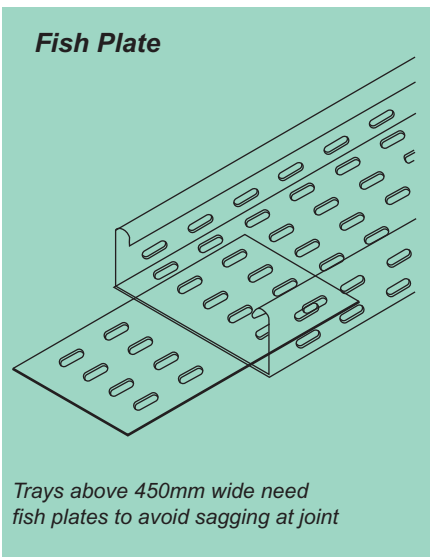
**Adjustable Vertical Coupler**



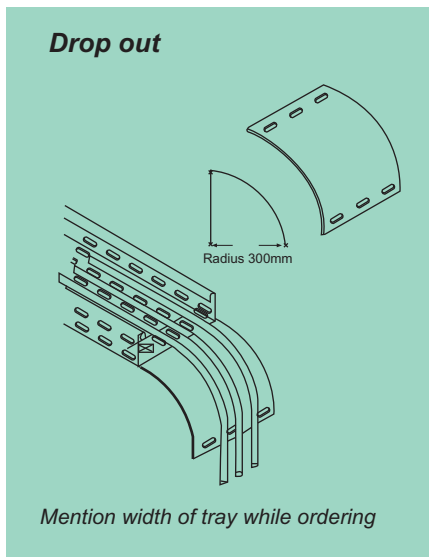
**Blind End**



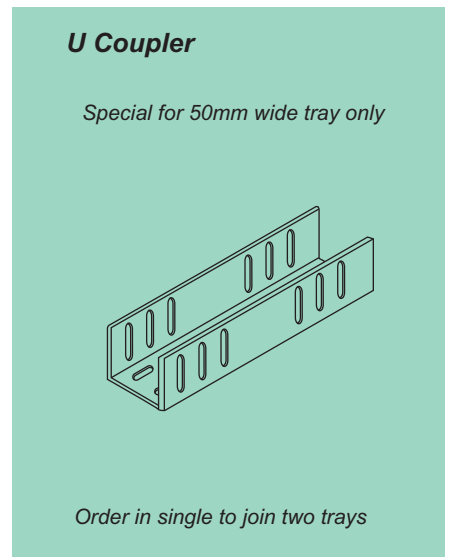
**Fish Plate**



**Drop out**



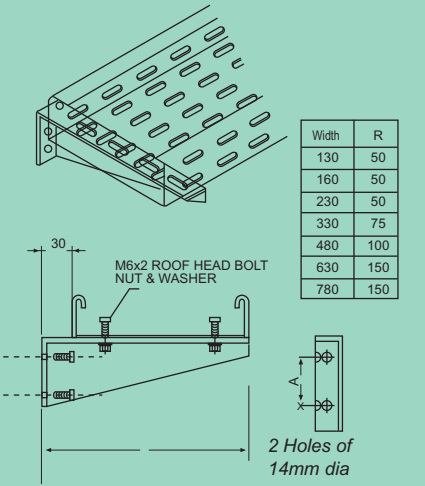
**U Coupler**



## Support Systems for Adex cable tray

- While ordering cantilever bracket and cantilever arm a safe working distance of 30mm is to be added to width of the tray. E.g : for 100mm tray DEB 130  
Supplied without fastenings, Choose various types of fastenings.

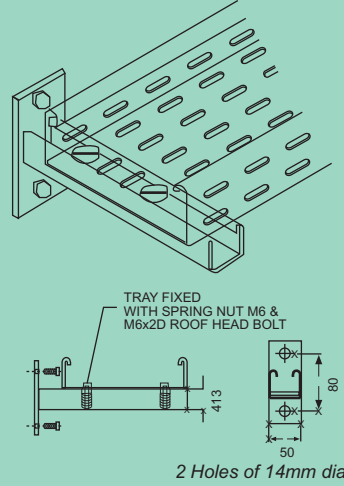
### Cantilever Bracket



	L	UDL
DEB	130	170
DEB	180	160
DEB	230	155
DEB	330	140
DEB	480	110
DEB	630	100
DEB	780	130

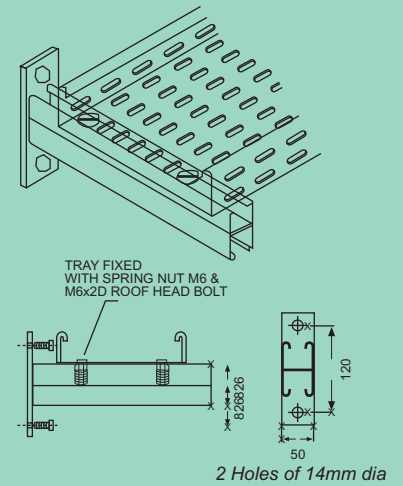
L - length of the arm  
UDL - Uniformly distributed load n kgf

### Single Cantilever arm



	L	UDL
DEC	180	550
DEC	230	370
DEC	330	270
DEC	480	175
DEC	630	140

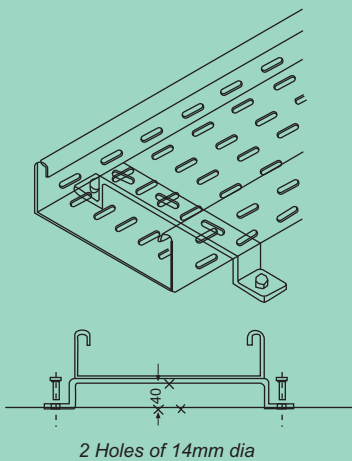
### Double Cantilever arm



	L	UDL
DED	180	750*
DED	230	660*
DED	330	600*
DED	480	380*
DED	630	305
DED	780	210
DED	930	175

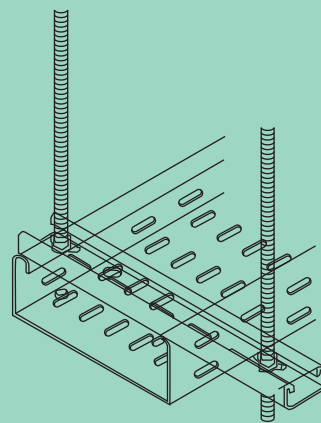
\* Slip limits loading capacity when using in Strut Channel as column.

### Stand off Bracket



	L
SEB	100
SEB	150
SEB	200
SEB	300
SEB	450
SEB	600
SEB	750
SEB	900

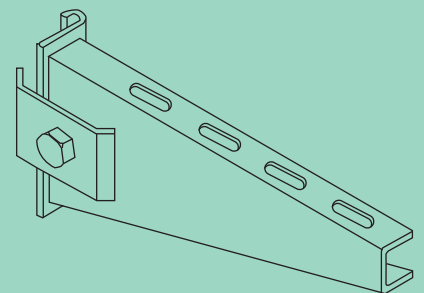
### Trapeze Hanger



41 x 21 (DB 200 Series) Channel is recommended for trays up to 200mm width. For 300mm onwards use 41 x 41 (DB 100 Series). Can be ordered in slotted profile in 3 meter. See Apex Strut Channel section for ordering information.

### I-Beam Cantilever arm

Use with 40mm wide I-Beam



	L	UDL
DEI	130	105
DEI	180	94
DEI	230	90
DEI	330	85
DEI	480	74
DEI	630	68

\* Please note that above given loads are for general guidelines only.

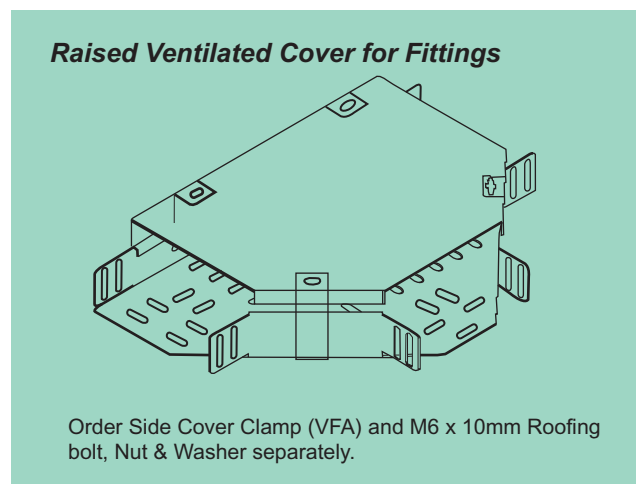
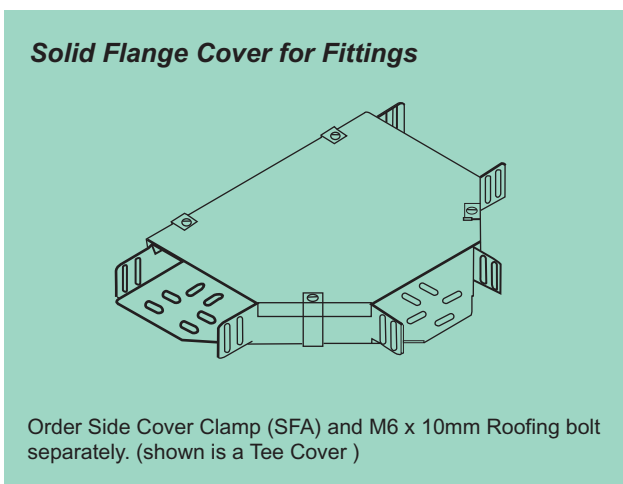
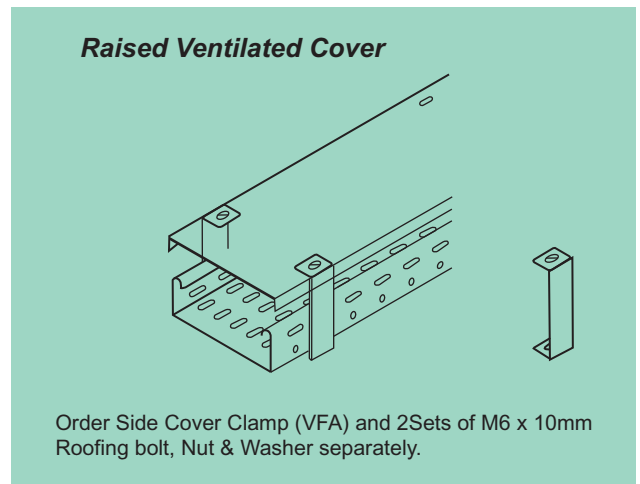
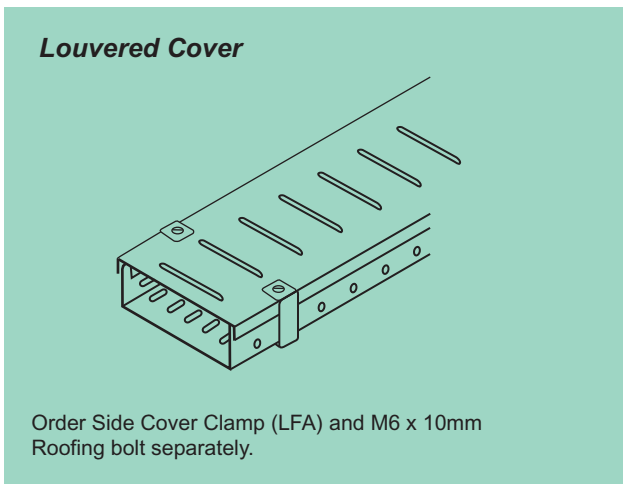
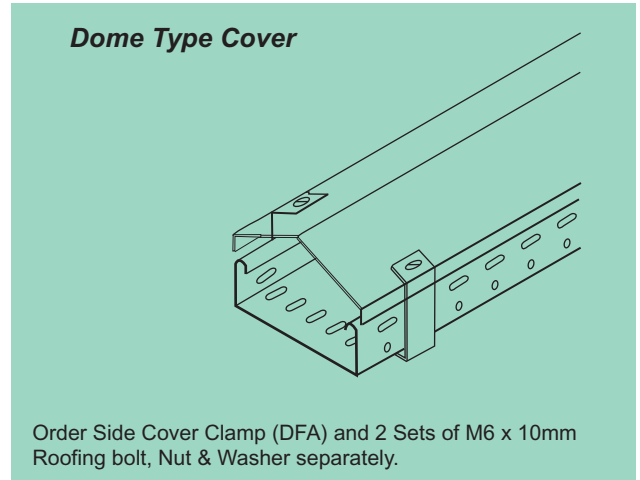
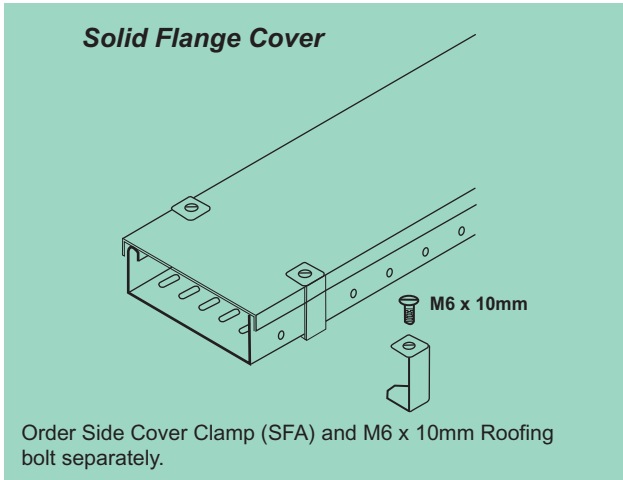
\* For Cable trays above 600mm width order double cantilever arm to increase safe working load



## Cable Tray Covers and Fixing Details

Straight Cover upto 300mm needs four sets of Clamps.  
450mm and above needs six clamps to fix cover.  
Normal flange height of cover is 12mm.

Fittings normally needs four Clamps for wider ones 5 Clamps needed.  
Re-inforcing type of profile is used in wider covers.  
Covers equal to and above 600mm can be available in 1.5 meter long.



### Catalogue No of Side Cover Clamps (SCC)

Item / Des.	Material	Finish	Type	Side Height	Abbreviation
Solid Flange	✓	✓	SFA	✓	SCC
Dome Type	✓	✓	DFA	✓	SCC
Raised Ventilated	✓	✓	VFA	✓	SCC
Louvered	✓	✓	LFA	✓	SCC