

LENGTHS

Straight Tray

Vantrunk Cable Tray is available in widths from 50mm to 90mm. The width is measured internally between the side walls.

Vantrunk Straight Cable Tray is available in standard lengths of 3m.

The Vantrunk Cable Tray features a slot pattern which is standard across the the range of cable trays. Based on a repeating pattern of 12mm by 8 mm width wise slots and

20mm by 8mm length wise, the Vantrunk Cable Tray slot pattern suits cable ties, banding and cable cleats with M6 fixings. See the Cable Tray Engineering Section for details.

Vantrunk Medium Duty return flange Cable Tray is suitable for applications where medium duty cable loads are to be supported over short to medium spans. Vantrunk Heavy Duty return flange cable tray is suitable for applications where heavy duty cable loads are to be supported over longer spans.

Medium Duty Return Flange Straight Tray

Gauge & weights are given for the hot dip galvanized mild steel cable tray.

System Type: MR-SL3

Part No.	Tray Width mm	W mm	W1 mm	H mm	T mm	Weight kg	Ordering information
MR-SL3-50-O	50	50	51.8	25	0.9	2.48	8080578
MR-SL3-75-O	75	75	76.8			3.00	on request
MR-SL3-100-O	100	100	101.8			3.52	8077828
MR-SL3-150-O	150	150	151.8			4.56	8080353
MR-SL3-200-O	200	200	201.8			5.60	on request
MR-SL3-225-O	225	225	226.8		6.12	on request	
MR-SL3-300-O	300	300	302.4		1.2	10.24	on request

O = Select a Finish & Material

Finishes & Materials:

Supplied with:

Heavy duty Return Flange Straight Tray

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a standard side wall height of 50mm.

System Type: HR-SL3

Part No.	Tray Width mm	W mm	W1 mm	H mm	T mm	Weight kg	Ordering information
HR-SL3-50-O	50	50	51.8	50	0.9	3.61	8058503
HR-SL3-75-O	75	75	76.8			4.13	on request
HR-SL3-100-O	100	100	101.8			4.65	8058499
HR-SL3-150-O	150	150	151.8			5.69	8060444
HR-SL3-200-O	200	200	202.4			8.97	8079482
HR-SL3-225-O	225	225	227.4			9.67	on request
HR-SL3-300-O	300	300	302.4		1.2	11.74	8079661

O = Select a Finish & Material

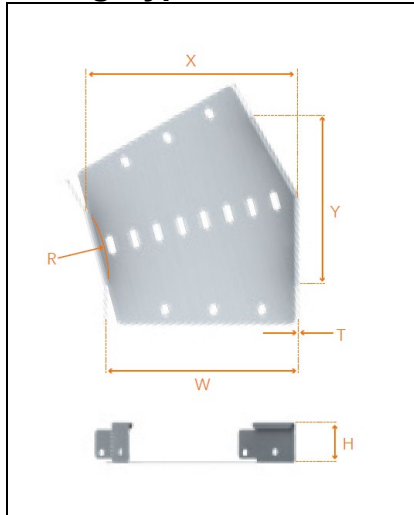
Finishes & Materials:

Supplied with:

FLAT BENDS

Heavy Duty Return Flange 30° Flat Bend

Fitting Type: HR-FB30



Part No.	Width W mm	T mm	R mm	X mm	Y mm	Weight kg	Ordering information
HR-FB30-50-75R-○	50	0.9	75	61	63	0.12	on request
HR-FB30-75-75R-○	75			86	75	0.16	8067255
HR-FB30-100-75R-○	100			111	88	0.19	on request
HR-FB30-150-75R-○	150			161	113	0.27	on request
HR-FB30-200-150R-○	200	1.2	150	221	175	0.61	on request
HR-FB30-225-150R-○	225			246	188	0.67	on request
HR-FB30-300-150R-○	300			321	225	0.92	on request

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

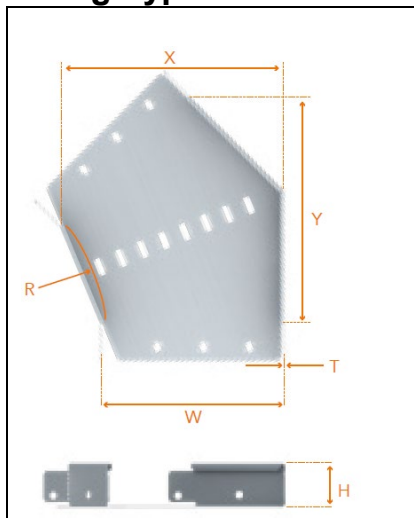
SEE ENGINEERING DATA FOR NUMBER OF FIXINGS

Not Required:



Heavy Duty 45° Flat Bend

Fitting Type: HR-FB45



Part No.	Width W mm	T mm	R mm	X mm	Y mm	Weight kg	Ordering information
HR-FB45-50-75R-○	50	0.9	75	72	89	0.16	on request
HR-FB45-75-75R-○	75			97	107	0.2	on request
HR-FB45-100-75R-○	100			122	124	0.25	on request
HR-FB45-150-75R-○	150			172	160	0.35	on request
HR-FB45-200-150R-○	200	1.2	150	224	248	0.83	on request
HR-FB45-225-150R-○	225			269	266	0.94	on request
HR-FB45-300-150R-○	300			344	319	1.29	on request

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

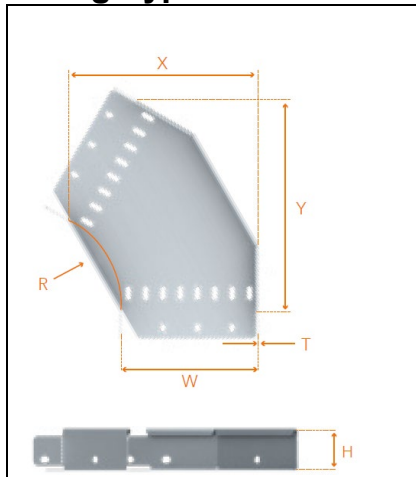
SEE ENGINEERING DATA FOR NUMBER OF FIXINGS

Not Required:



Heavy Duty 60° Flat Bend

Fitting Type: HR-FB60



Part No.	Width W mm	T mm	R mm	X mm	Y mm	Weight kg	Ordering information
HR-FB60-50-75R-○	50	0.9	75	88	109	0.18	on request
HR-FB60-75-75R-○	75			113	130	0.24	on request
HR-FB60-100-75R-○	100			138	152	0.29	on request
HR-FB60-150-75R-○	150			188	195	0.42	on request
HR-FB60-200-150R-○	200	1.2	150	275	304	1.02	on request
HR-FB60-225-150R-○	225			300	325	1.13	on request
HR-FB60-300-150R-○	300			375	390	1.56	on request

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

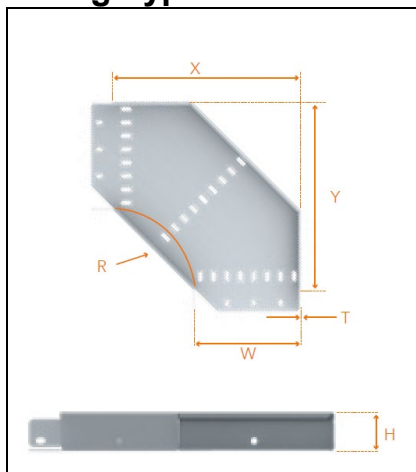
SEE ENGINEERING DATA FOR NUMBER OF FIXINGS

Not Required:



Heavy Duty 90° Flat Bend

Fitting Type: HR-FB90



Part No.	Width W mm	T mm	R mm	X mm	Y mm	Weight kg	Ordering information
HR-FB90-50-75R-○	50	0.9	75	125	125	0.25	on request
HR-FB90-75-75R-○	75			150	150	0.32	8068948
HR-FB90-100-75R-○	100			175	175	0.41	on request
HR-FB90-150-75R-○	150			225	225	0.59	on request
HR-FB90-200-150R-○	200	1.2	150	350	350	1.5	on request
HR-FB90-225-150R-○	225			375	375	1.69	on request
HR-FB90-300-150R-○	300			450	450	2.32	on request

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

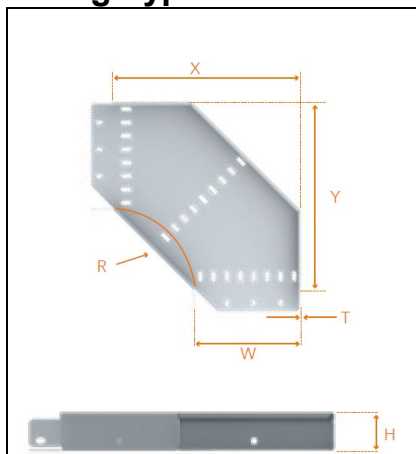
SEE ENGINEERING DATA FOR NUMBER OF FIXINGS

Not Required:



Medium Duty 90° Flat Bend

Fitting Type: MR-FB90



Part No.	Width W mm	T mm	R mm	X mm	Y mm	Weight kg	Ordering information
MR-FB90-50-75R-○	50	0.9	75	125	125	0.25	on request
MR-FB90-75-75R-○	75			150	150	0.32	8080360
MR-FB90-100-75R-○	100			175	175	0.41	on request
MR-FB90-150-75R-○	150			225	225	0.59	on request
MR-FB90-200-150R-○	200	1.2	150	350	350	1.5	on request
MR-FB90-225-150R-○	225			375	375	1.69	on request
MR-FB90-300-150R-○	300			450	450	2.32	on request

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

SEE ENGINEERING DATA FOR NUMBER OF FIXINGS

Not Required:

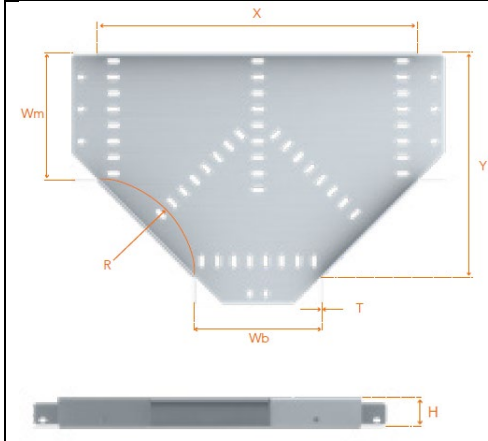


TEES

Heavy Duty Equal Tees

Vantrunk Heavy Duty Return Flange cable tray equal tees have a main width W_m and a branch width W_b , which are identical.

Fitting Type: HR-ET



Part No.	Width W mm	T mm	R mm	X mm	Y mm	Weight kg
HR-ET-50-75R-O	50	0.9	75	204	128	0.37
HR-ET-75-75R-O	75			229	153	0.47
HR-ET-100-75R-O	100			254	178	0.58
HR-ET-150-75R-O	150			304	228	0.8
HR-ET-200-150R-O	200	1.2	150	504	353	2.26
HR-ET-225-150R-O	225			529	378	2.51
HR-ET-300-150R-O	300			604	453	3.36

Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

O = Select a Finish & Material

Finishes & Materials:



Supplied with:

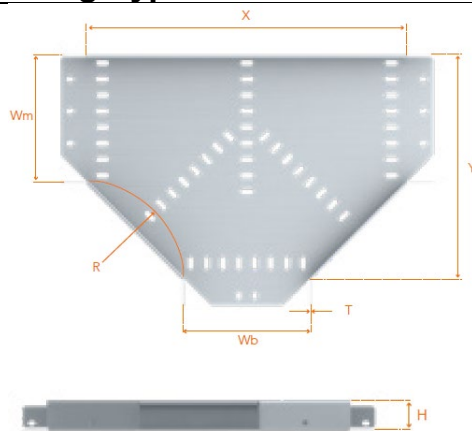
SEE ENGINEERING
DATA FOR NUMBER
OF FIXINGS

Not Required:



Heavy Duty Unequal Tees

Fitting Type: HR-UT



Gauge & weights are given for the hot dip galvanized mild steel cable tray, with a nominal standard sidewall height of 50mm.

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

SEE ENGINEERING DATA FOR NUMBER OF FIXINGS

Not Required:



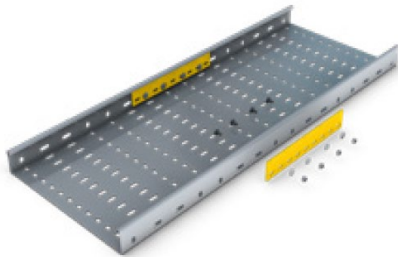
Part No.	Main Width W mm	Branch Width Wb mm	T mm	R mm	X mm	Y mm	Weight kg
HR-UT-50-75-75R-○	50	75	0.9	75	229	128	0.42
HR-UT-50-100-75R-○		100			254	128	0.45
HR-UT-50-150-75R-○		150			304	128	0.54
HR-UT-50-200-150R-○		200	1.2	150	504	203	1.41
HR-UT-50-225-150R-○		225			529	203	1.49
HR-UT-50-300-150R-○		300			604	203	1.7
HR-UT-75-50-75R-○	75	50	0.9	75	204	153	0.43
HR-UT-75-100-75R-○		100			254	153	0.51
HR-UT-75-150-75R-○		150			304	153	0.6
HR-UT-75-200-150R-○		200	1.2	150	504	228	1.55
HR-UT-75-225-150R-○		225			529	228	1.64
HR-UT-75-300-150R-○		300			604	228	1.87
HR-UT-100-50-75R-○	100	50	0.9	75	204	178	0.48
HR-UT-100-75-75R-○		75			229	178	0.52
HR-UT-100-150-75R-○		150			304	178	0.66
HR-UT-100-200-150R-○		200	1.2	150	504	253	1.69
HR-UT-100-225-150R-○		225			529	253	1.78
HR-UT-100-300-150R-○		300			604	253	2.03
HR-UT-150-50-75R-○	150	50	0.9	75	204	228	0.58
HR-UT-150-75-75R-○		75			229	228	0.63
HR-UT-150-100-75R-○		100			254	228	0.68
HR-UT-150-200-150R-○		200	1.2	150	504	303	1.98
HR-UT-150-225-150R-○		225			529	303	2.08
HR-UT-150-300-150R-○		300			604	303	2.35
HR-UT-200-50-150R-○	200	50	1.2	150	354	353	1.62
HR-UT-200-75-150R-○		75			379	353	1.72
HR-UT-200-100-150R-○		100			404	353	1.83
HR-UT-200-150-150R-○		150			454	353	2.04
HR-UT-200-225-150R-○		225			529	353	2.36
HR-UT-200-300-150R-○		300			604	353	2.69
HR-UT-225-50-150R-○	225	50	1.2	150	354	378	1.71
HR-UT-225-75-150R-○		75			379	378	1.83
HR-UT-225-100-150R-○		100			404	378	1.94
HR-UT-225-150-150R-○		150			454	378	2.17
HR-UT-225-200-150R-○		200			504	378	2.4
HR-UT-225-300-150R-○		300			604	378	2.86
HR-UT-300-50-150R-○	300	50	1.2	150	354	453	2.02
HR-UT-300-75-150R-○		75			379	453	2.15
HR-UT-300-100-150R-○		100			404	453	2.29
HR-UT-300-150-150R-○		150			454	453	2.56
HR-UT-300-200-150R-○		200			504	453	2.82
HR-UT-300-225-150R-○		225			529	453	2.95

COUPLERS

Heavy Duty Flat Bar Coupler

The Vantrunk Heavy Duty Return Flange cable tray flat bar coupler is the standard means of connecting straight lengths of cable tray and is available in the full range of sidewall heights to match that of the cable tray range. Unless otherwise specified, the flat bar coupler will be supplied as standard. Flat Bar Couplers are supplied individually and with fixings.

Fitting Type: HR-FBC

Part No.	HR-FBC-O
Ordering Information	8068949

O = Select a Finish & Material

Finishes & Materials:

GA
SS
GX
GW

Supplied with:

FIXING SETS x4

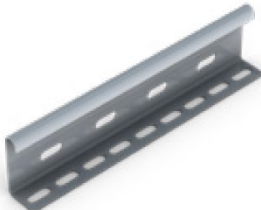
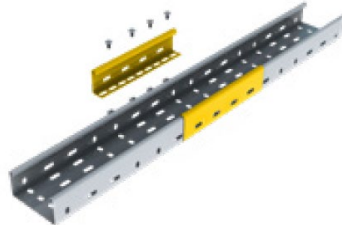
Not Required:



Heavy Duty Straight Coupler

The Vantrunk heavy duty return flange cable tray straight coupler provides an effective means of connection between heavy duty return flange straight cable tray lengths. Straight Couplers are supplied as pairs and with fixings.

Fitting Type: HR-SC

Part No.	HR-SC-O
Ordering Information	8058507

O = Select a Finish & Material


Finishes & Materials:

GA
SS
GX
GW

Supplied with:

FIXING SETS x8

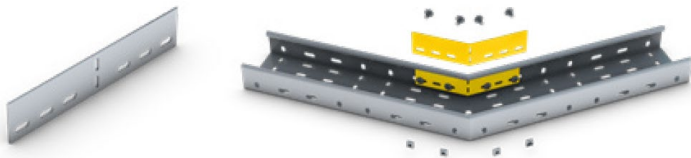
Not Required:



Heavy Duty Flat Horizontal Adjustable Coupler

The Vantrunk Heavy Duty Return Flange cable tray horizontal adjustable coupler allows horizontal adjustment between adjacent lengths of cable tray and is available in the full range of sidewall heights to match that of the Heavy Duty cable tray. Horizontal Adjustable Couplers are supplied individually and with fixings.

Fitting Type: HR-FHAC



Part No.	HR-FHAC-O
Ordering Information	8086558

O = Select a Finish & Material

Finishes & Materials:

GA
SS
GX
GW

Supplied with:

FIXING SETS
x4

Not Required:

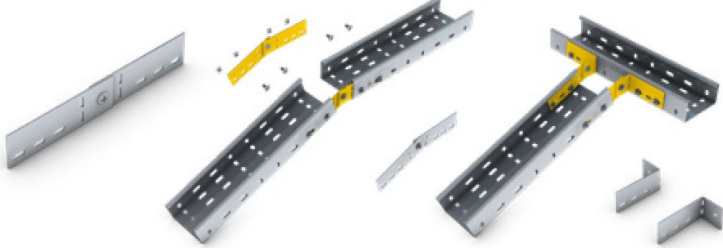


Heavy Duty Flat Vertical Adjustable Coupler

The Vantrunk Heavy Duty Return Flange cable tray vertical adjustable coupler is the standard means of allowing vertical adjustment between adjacent lengths of cable tray and is available in the full range of sidewall heights to match that of the Heavy Duty cable tray.

The vertical adjustable coupler features easi-bend slots, which allow the couplers to be adjusted on site to create combined horizontal & vertical offset connections, tray connections onto the side of a cable tray run to form tee connections, or connections directly to a wall or floor. Vertical Adjustable Couplers are supplied individually and with fixings.

Fitting Type: HR-FVAC



Part No.	HR-FVAC-O
Ordering Information	8058568

O = Select a Finish & Material


Finishes & Materials:

GA
SS
GX
GW

Supplied with:

FIXING SETS
x4

Not Required:

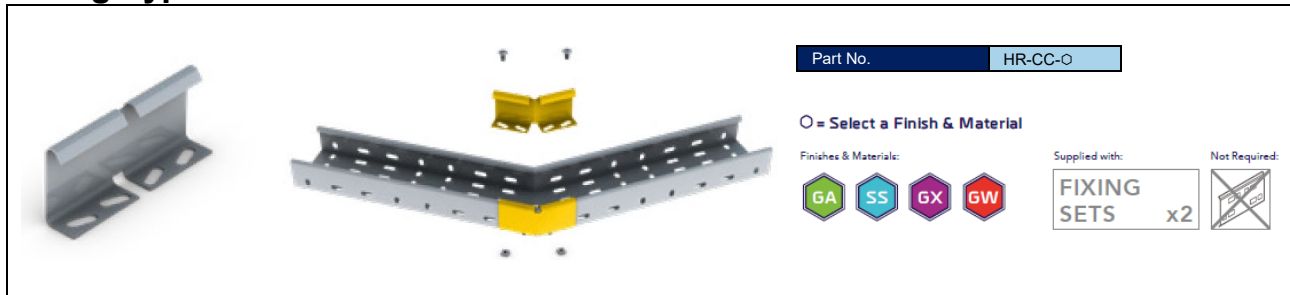


Cable Tray System

Heavy Duty Cranked Coupler

The Vantrunk Heavy Duty Return Flange cable tray adjustable coupler allows horizontal adjustment between adjacent lengths of cable tray. Cranked Couplers are supplied as pairs and with fixings.

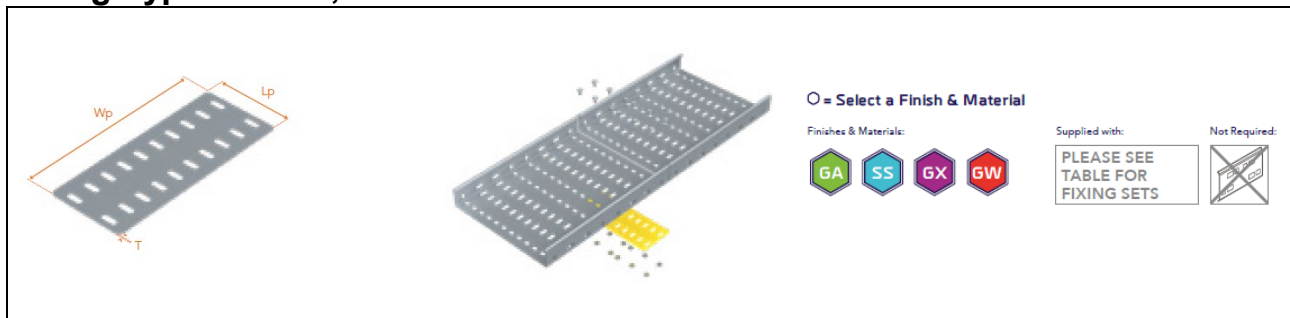
Fitting Type: HR-CC



Fish Plate Coupler

The Vantrunk fish plate coupler gives support across the base of the cable tray and is available to suit cable tray of widths 50mm to 900mm. Fish plate couplers are recommended for connecting straight cable trays which are heavily loaded.

Fitting Type: AC-FP; Part No.: AC-FP-TRAY WIDTH- \square



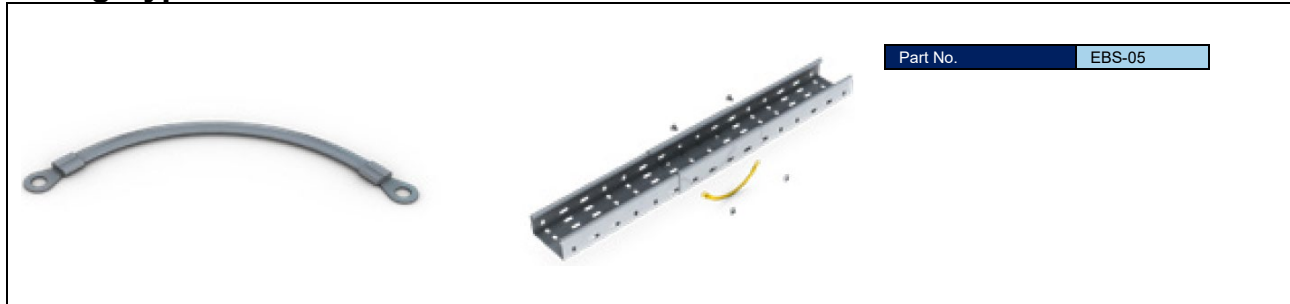
Part No.	Tray Width mm	Wp mm	Lp mm	Gauge T mm	Number of fixings	Weight kg
NA	50	NA				
	75					
AC-FB-100-O	100	48	100	1.5	4	0.053
AC-FB-150-O	150	98			6	0.108
AC-FB-200-O	200	148				0.163
AC-FB-225-O	225	173				0.191
AC-FB-300-O	300	248				0.274

ACCESSORIES

Tray Earth Bonding Strap

The tray earth bonding strap for cable tray (EBS-05) is designed for use in electrical installations where an additional means of earthing or electrical bonding is specified. The earth bonding strap comprises of a 4mm² 100mm long tinned copper braid with M6 tinned copper end connectors. The earth bonding strap is suitable for use with all types of Vantrunk cable tray.

Fitting Type: EBS-05



○ = Select a Finish & Material

Earth bonding straps are not supplied with fixings. Recommended fixings – two M6 x 12 pan head screws and M6 nuts (plus M6 flat washers for stainless steel). Consult our Sales Team for details.

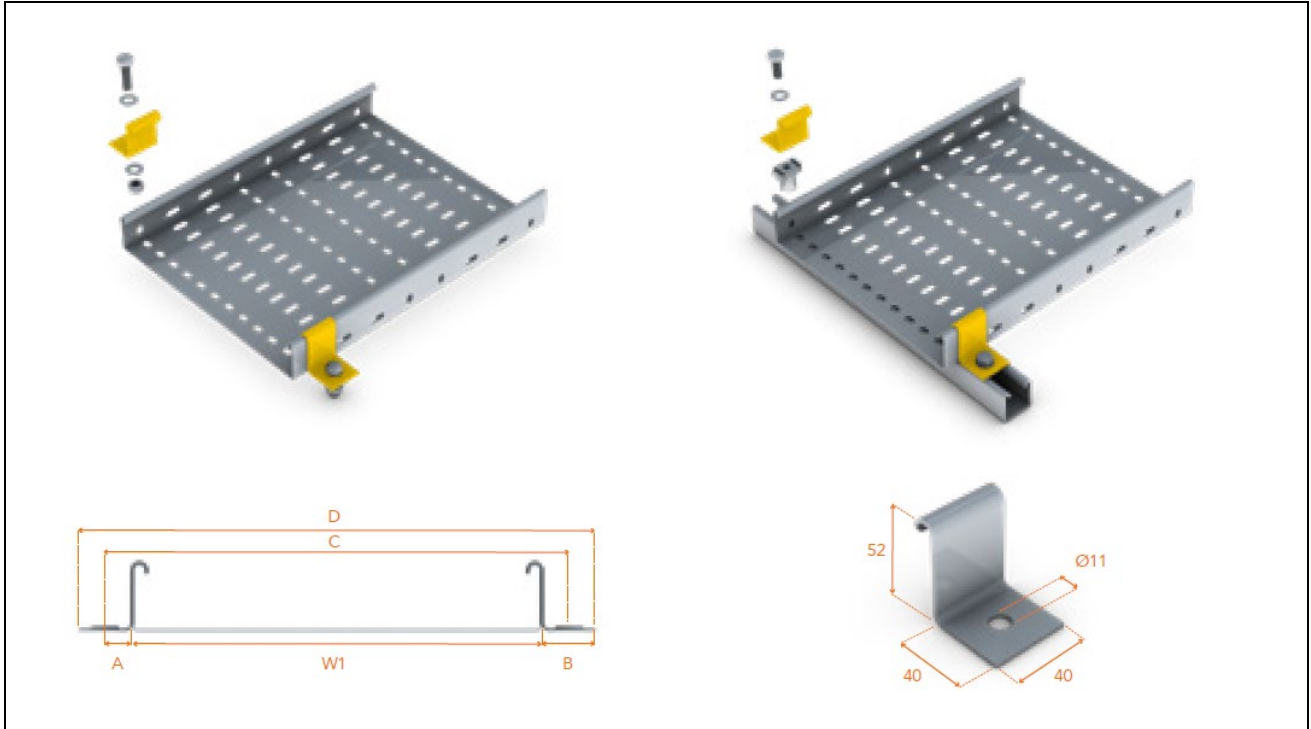
Supplied with:

**NO FIXING
SETS**

Hold Down Bracket

Hold down brackets provide an alternative means of securing cable tray to the support structure, particularly where the slots in the base of the cable tray do not coincide with the supports. Ideal for use with Intelok Channel type support systems, the hold down bracket is available for all cable tray profiles.

Fitting Type: HR-HDB; Part No.: HR-HDB-○



Tray Type	Dimensions mm			
	A	B	C	D
Heavy Duty HR	23	40	W1 + 46	W1 + 80

○ = Select a Finish & Material

Finishes & Materials:



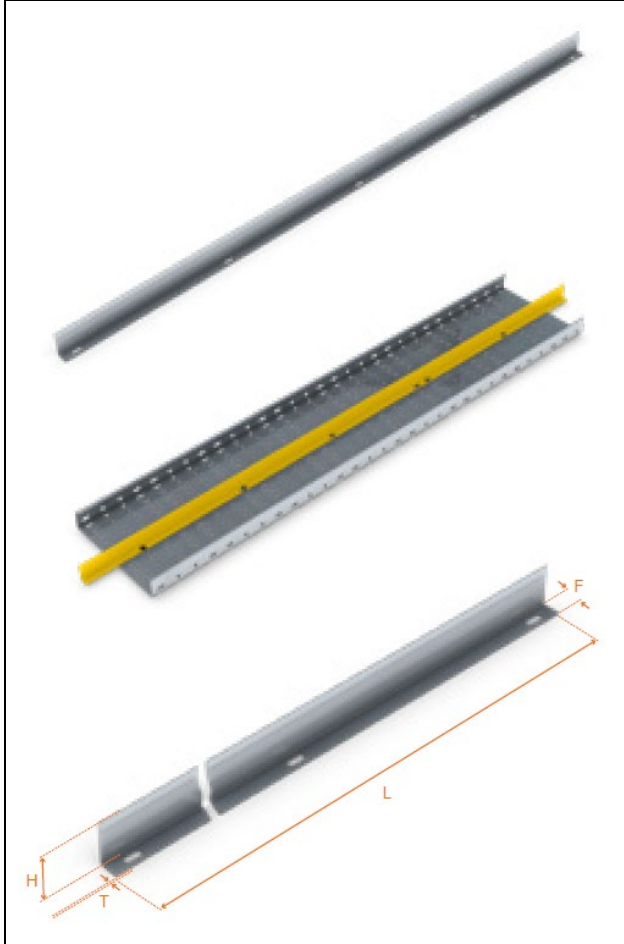
Supplied with:

**NO FIXING
SETS**

Straight Tray Divider

Straight tray dividers are available for cable segregation and separation purposes along the length of the cable run. Straight tray dividers are available to suit all cable tray sections and are available in 3m lengths as standard.

Fitting Type: DF



Part No.	Dimensions mm				Ordering information
	L	H	F	T	
HR-DF-O-1.2	3000	47	20	1.2	8068955

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

NO FIXING SETS

Information shown is for hot dip galvanised carbon steel in the standard gauge; other gauges are available, please consult our Sales Team for details.

Straight tray dividers are not supplied with fixings (3 fixings required per straight divider).

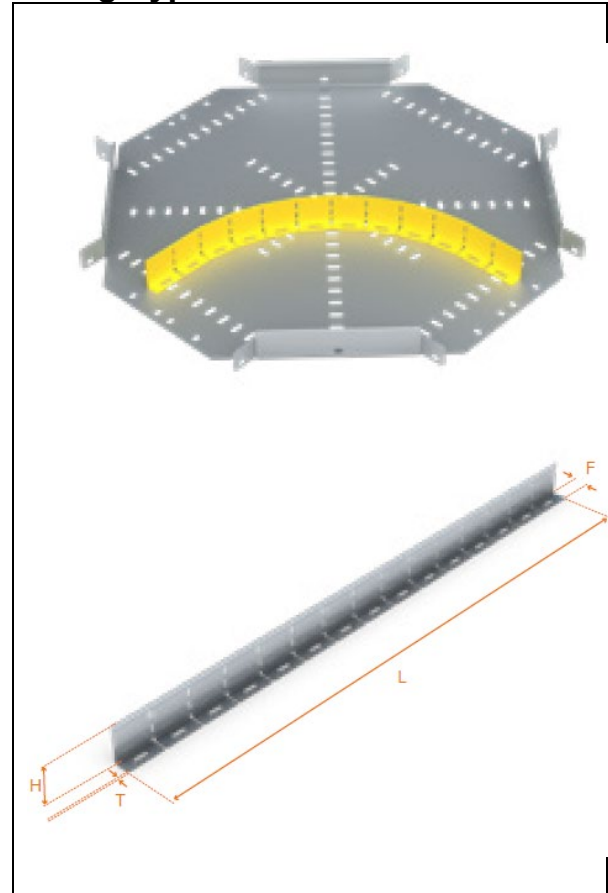
Recommended fixings – M6 x 12 pan head screw and M6 nut (plus M6 flat washer for stainless steel). Consult our Sales Team for details.

Subject to order requirements, straight tray dividers may be supplied in 1.5m lengths to suit delivery & shipping needs.

Tray Fitting Divider

Tray fitting dividers are available for cable segregation and separation purposes on fittings. The tray fitting divider is supplied as a 600mm straight length and is notched to allow for forming around flat bends, tees, crosses & reducers. Tray fitting dividers are available to suit all cable tray sections.

Fitting Type: DF-FL-0.6



Part No.	Dimensions mm				Ordering information
	L	H	F	T	
HR-DF-FL-0.6-O-1.2	600	47	20	1.2	8068956

○ = Select a Finish & Material

Finishes & Materials:



Supplied with:

NO FIXING SETS

Information shown is for hot dip galvanised carbon steel in the standard gauge; other gauges are available, please consult our Sales Team for details.

Tray fitting dividers are not supplied with fixings (3 fixings required per fitting divider).

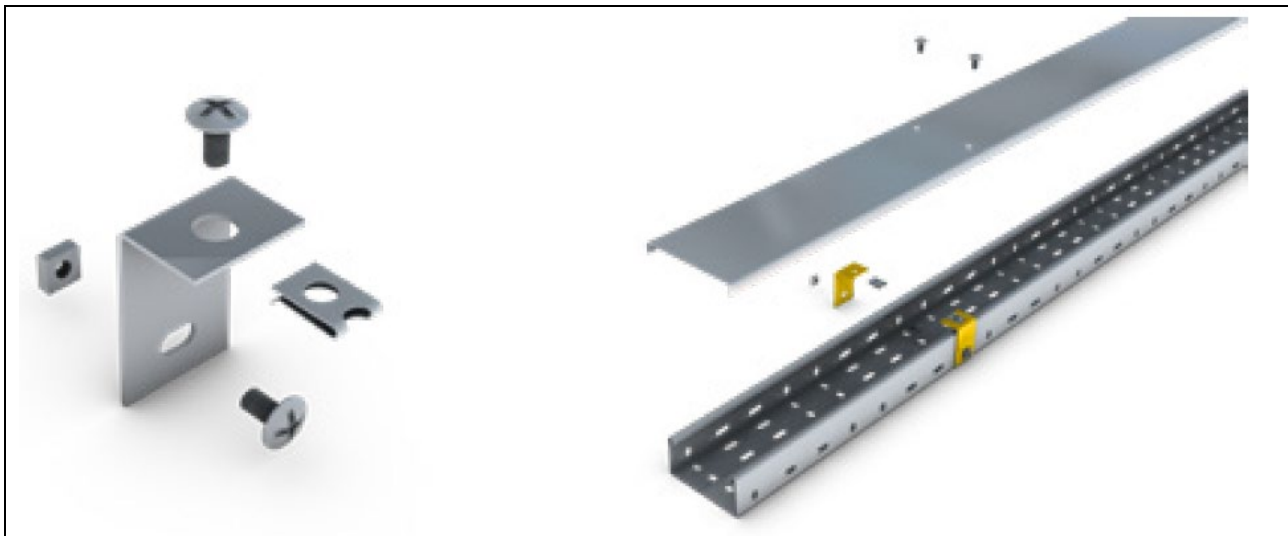
Recommended fixings – M6 x 12 pan head screw and M6 nut (plus M6 flat washer for stainless steel). Consult our Sales Team for details.

COVERS

Cover Fixing Kits

Vantrunk cable tray covers are supplied complete with all necessary fixing kits. Each fixing kit comprises of a preformed mounting bracket, a corrosion resistant M6 spire nut, two M6 screws and one M6 nut.

The general method of assembly for the Vantrunk cable tray cover is shown in the following image. This method is common to both medium and heavy duty cable trays and to cable tray fittings.



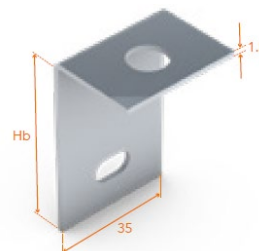
Covers for straight cable tray and cable tray fittings (standard radius) are supplied with the appropriate number of cover fixing kits as follows:

Tray Type	Width	
	50mm to 150mm	200mm to 300mm
Straight Tray	6	6

Fitting Type	Width		
	50mm to 75mm	100mm to 150mm	200mm to 300mm
30° Flat Elbows	2	3	3
45° Flat Elbows	2	3	3
60° Flat Elbows	3	3	4
90° Flat Elbows	3	3	4

Fitting Type	Width	
	50mm to 150mm	200mm to 300mm
Inside & Outside Risers	4	4
Equal & Unequal Tees	3	4
Four Ways	4	4
Reducers	4	4

Each cover fixing kit is supplied with the appropriate cover mounting bracket for either a non-ventilated cover or ventilated cover based on the part number ordered. Dimensions for the cover mounting brackets are as follows:



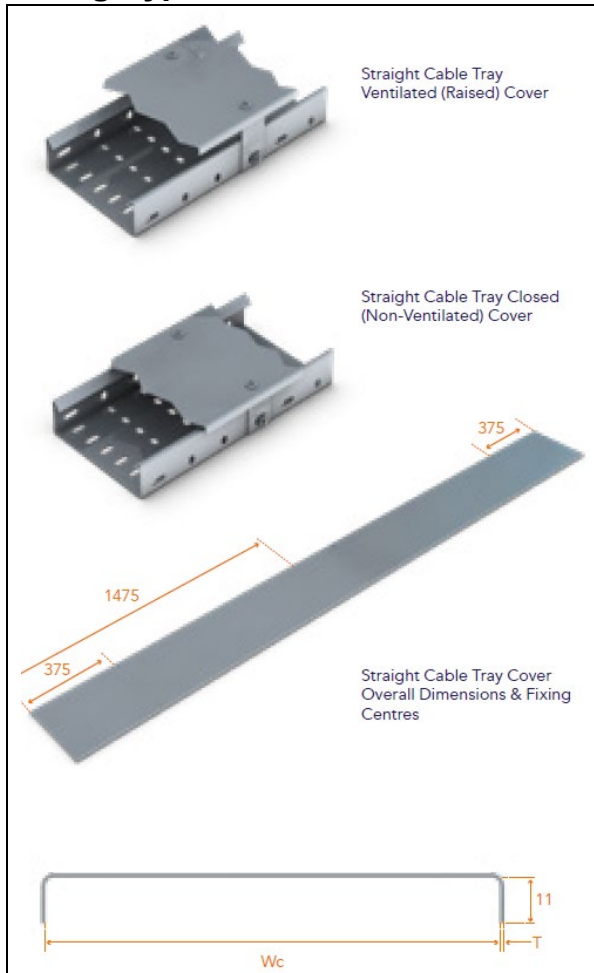
Cover Type	Bracket Height Hb mm
Medium duty closed covers	28
Medium duty ventilated covers	53
Heavy duty closed covers	53
Heavy duty ventilated covers	78

Cable Tray System

Straight Tray Covers

Vantrunk straight tray covers are 3m in length and are available in widths of 50mm to 900mm as standard. Covers are common for both closed and ventilated applications.

Fitting Type: CC-SL3 or CV-SL3



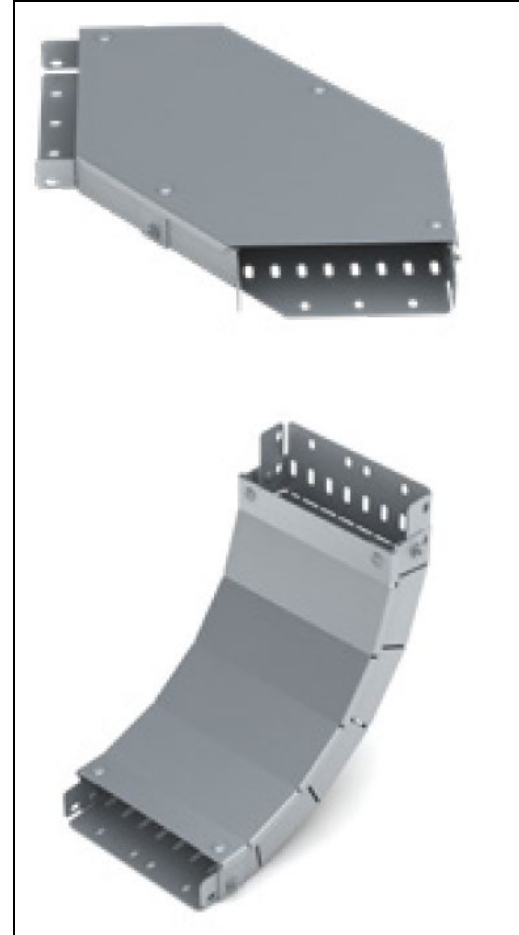
Tray Width mm	Cover Width Wc mm	Gauge T mm	Weight kg
50	59	1.2	2.51
75	84		3.17
100	109		3.92
150	159		5.43
200	209		6.74
225	234		7.70
300	309		9.96

Weights shown are for standard hot dip galvanised finish only, for Stainless Steel & Silicon Rich Steel weight conversion factors please refer to the Cable Tray technical section.

Fitting Covers

Vantrunk cable tray fitting covers are available in widths of 50mm to 900mm as standard. Covers are common for both closed and ventilated applications.

Fitting Type: CC-Fitting Type or CV-Fitting Type



Order details for all fittings except risers are as follows:

Tray Type - Cover Type - Tray Fitting Type - Width - Radius - Finish & Material - Gauge.

Omit the radius detail if the standard radius fitting is required.

Order example:

HR-CV-FE30-300-150R-GA-1.2

Vantrunk Heavy Duty Return Flange Cable Tray Ventilated Cover, 30° Flat Elbow, 300mm Wide, 150mm Radius, c/w Cover Fixing Kits, Hot Dip Galvanised Mild Steel, 1.2mm material thickness.

Order example:

HR-CC-FE90-750-300R-SS-1.0

Vantrunk Heavy Duty Return Flange Cable Tray Closed Cover, 90° Flat Elbow, 750mm Wide, 300mm Radius, c/w Cover Fixing Kits, Stainless Steel (316 Grade), 1.0mm material thickness.

Covers for inside and outside riser fittings are supplied pre-formed to angles of 30°, 45°, 60° or 90° to match the angle of the riser.

Cable Tray System

Tray Cantilever Arm

Vantrunk Tray Cantilever Arms (TCA) are suitable for supporting cable tray from channel or flat surfaces. Available for cable tray of widths from 50mm to 900mm, the Vantrunk tray arms have M10 clearance holes for fixing to the supports and M6 clearance holes to allow for fixing through the bed of the cable tray.

Vantrunk tray cantilever arms have one fixing hole for arm lengths up to & including 100mm, and two fixing holes for arm lengths of 150mm and above. The Vantrunk tray cantilever arms are suitable for use with the full range of Vantrunk cable trays.

The loading table below gives the recommended maximum load for each size of trapeze hanger bracket when used with Vantrunk cable tray and with a uniformly distributed load (UDL) onto the tray cantilever arm.

Vantrunk Tray Arm

Part No.	Dimensions mm				Maximum UDL kg
	Tray	La	Lb	A	
AC-TCA-50-○	50	60	50	N/A	100
AC-TCA-75-○	75	85	50	N/A	100
AC-TCA-100-○	100	110	50	N/A	100
AC-TCA-150-○	150	160	90	45	150
AC-TCA-225-○	225	235	90	45	150
AC-TCA-300-○	300	310	90	45	150

○ = Select a Finish & Material

Finishes & Materials:

