UNITRUNK

SECTION 04:
CABLE TRAY SYSTEMS

Unitrunk's range of Cable Tray Systems has been developed to suit the demands of an ever-changing market. State of the art technology has developed our production facility which is able to respond quickly to the demands of the market, making Unitrunk one of the most advanced companies in the industry.

Unitrunk Cable Tray Systems consist of light, medium and heavy duty pattern with standard perforations. The requirements of a cable tray finish can vary, depending upon the situation, from being purely cosmetic to being capable of providing protection in the most corrosive environments.

Unitrunk Cable Tray is produced in pre-galvanised mild steel to BS EN 10346:2015 or galvanized in accordance with BS EN ISO1461. All our trays conform to BS 61537:2007. A wide range of materials and finishes is available on request.

ACCREDITED TO THE FOLLOWING STANDARDS:

CE UK CA

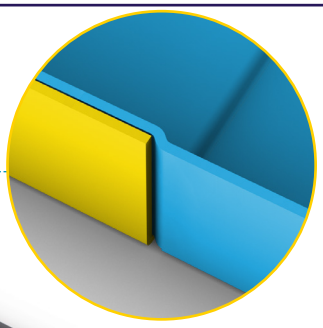
HOW TO ORDER

ZM (Finish) - HR (Sidewall Height) - 450 (Width) - FB90 (Product Type)

Light Duty Cable Tray

(in accordance with BS 61537)

All light duty tray lengths up to and including LD225T are supplied with an inwards swage on one end, to eliminate the need for couplers. LD300T and above require the use of couplers. A range of gauges are available on request.



Part Code	Tray Width (mm)
LD50T	50
LD75T	75
LD100T	100
LD150T	150
LD225T	225
LD300T	300
LD450T	450
LD600T	600
LD750T	750
LD900T	900

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

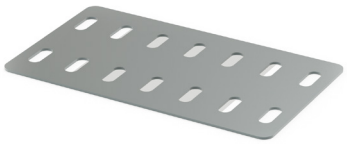
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Straight Coupler

Part Code	Length (mm)
LD/SC	161

Sold in pairs.

Fish Plate

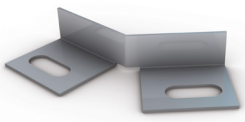


Part Code	Length (mm)
FP 225-900	Width dimension less 52

Earth Link

Part Code	Description
CES	Plain Copper
TCES	Tinned Copper
EBS100	M6 Braid

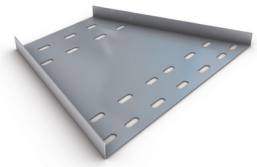
Cranked Coupler



Part Code
LD/CC

Sold in pairs.

Reducer



Part Code	Length (mm)
LD-SR	250

Please state sizes required.

Nuts & Bolts

Part Code
M6X12

Order separately.

Flat 90° Bend

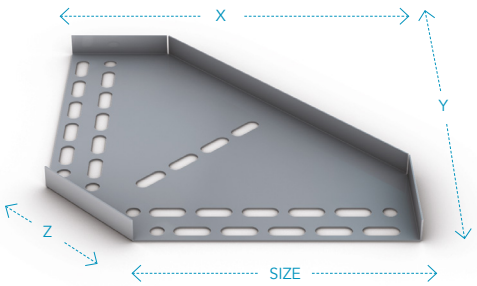
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
LD 50-900FB90

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	126	151	175	225	375	450	600	750	900	1058
Y	166	191	215	265	415	490	640	790	940	1098
Z	107	107	107	107	211	211	211	211	211	211



Flat 45° Bend

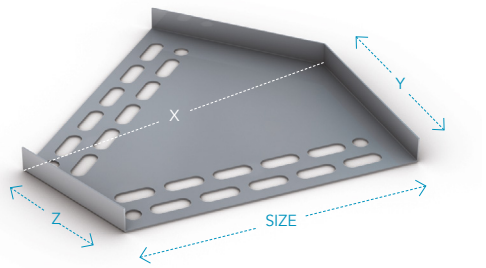
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
LD 50-900FB45

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	66	93	120	174	268	344	510	673	835	998
Y	52	63	73	94	155	187	249	311	373	435
Z	58	58	58	58	115	115	115	115	115	115



Flat 4 Way Equal Intersection

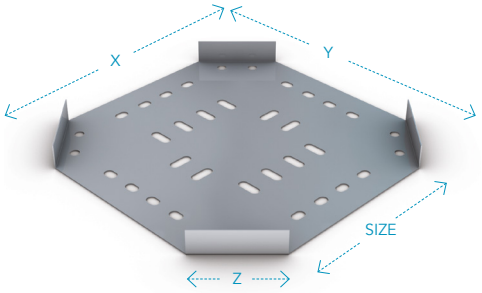
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
LD 50-900FW

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	177	213	249	320	532	637	850	1062	1274	1486
Y	177	213	249	320	532	637	850	1062	1274	1486
Z	107	107	107	107	211	211	211	211	211	211



Flat Equal Tee

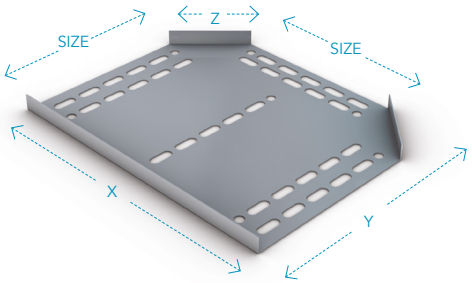
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
LD 50-900ET

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	204	229	254	304	530	605	755	906	1056	1206
Y	127	152	177	227	377	452	603	752	902	1053
Z	107	107	107	107	211	211	211	211	211	211



Outside Riser

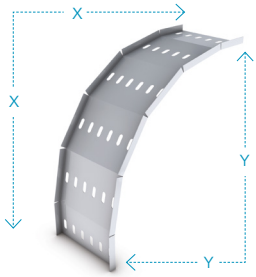
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
LD 50-450VR 600-900ER

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	297	297	297	297	297	297	297	297	297	297
Y	337	337	337	337	377	337	337	337	337	337



Inside Riser

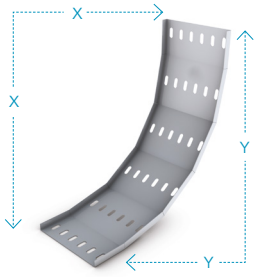
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
LD 50-450VR 600-900IR

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	297	297	297	297	297	297	297	297	297	297
Y	337	337	337	337	377	337	337	337	337	337



Product Available in: ZM PG GA SS CP GX

HOW TO ORDER

ZM (Finish) - HR (Sidewall Height) - 450 (Width) - FB90 (Product Type)

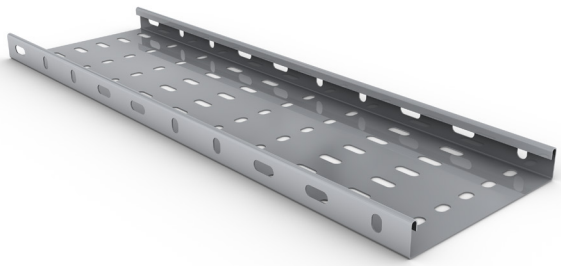
Medium Duty Cable Tray

(in accordance with BS 61537)

Part Code	Tray Width (mm)
MR50T	50
MR75T	75
MR100T	100
MR150T	150
MR225T	225
MR300T	300
MR450T	450
MR600T	600
MR750T	750
MR900T	900

ZM, GX, SS, GA — Available across this size range

PG, CP — 750-900 only



If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Straight Coupler

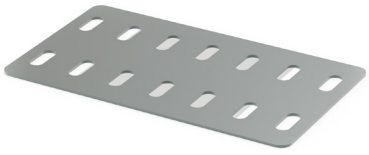
Part Code	Length (mm)
MR/SC	225

Sold in pairs.

Tray Divider

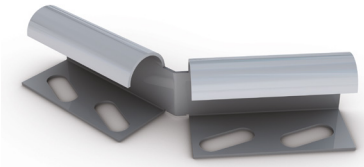
Part Code	Length (mm)
MR/DF	300

Fish Plate



Part Code	Width (mm)
FP 100-900mm	Width dimension less 52

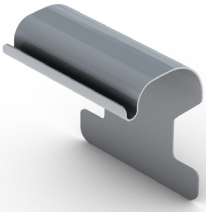
Cranked Coupler



Part Code
MR/CC

Sold in pairs.

Tray to Channel Klip



Part Code	Length (mm)
CHTR 25	225

Sold in pairs

Flat 90° Bend

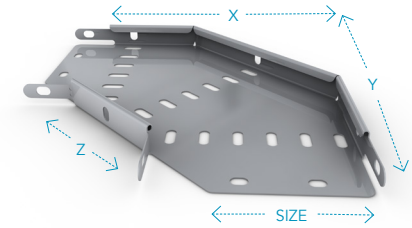
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
MR 50-900FB90

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	126	151	175	225	375	450	600	750	900	1058
Y	166	191	215	265	415	490	640	790	940	1098
Z	107	107	107	107	211	211	211	211	211	211



Flat 45° Bend

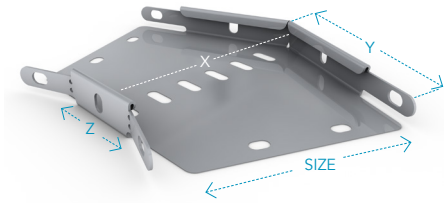
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
MR 50-900FB945

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	66	93	120	174	268	344	510	673	835	998
Y	52	63	73	94	155	187	249	311	373	435
Z	58	58	58	58	115	115	115	115	115	115



Flat 4 Way Equal Intersection

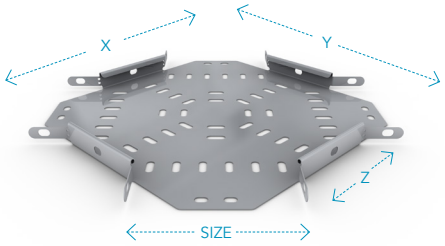
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
MR 50-900FW

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	177	213	249	320	532	637	850	1062	1274	1486
Y	177	213	249	320	532	637	850	1062	1274	1486
Z	107	107	107	107	211	211	211	211	211	211



Flat Equal Tee

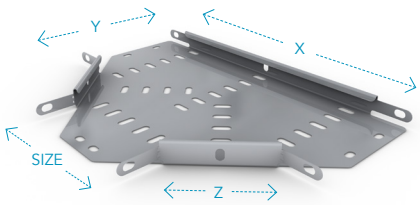
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
MR 50-900ET

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

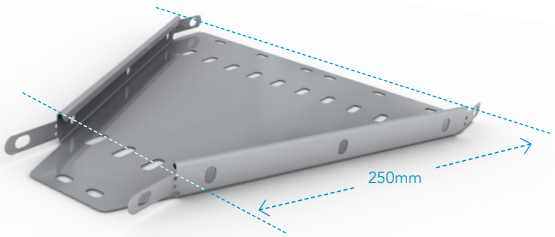
Size	50	75	100	150	225	300	450	600	750	900
X	204	229	254	304	530	605	755	906	1056	1206
Y	127	152	177	227	377	452	603	752	902	1053
Z	107	107	107	107	211	211	211	211	211	211



Reducer

Part Code	Length (mm)
MR-SR	250

Please state sizes required.



Product Available in: ZM PG GA SS CP GX

HOW TO ORDER ZM (Finish) - HR (Sidewall Height) - 450 (Width) - FB90 (Product Type)

Outside Riser

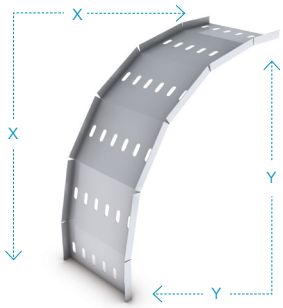
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
MR 50-450VR
MR 600-900ER

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	297	297	297	297	297	297	297	297	297	297
Y	337	337	337	337	377	337	337	337	337	337



Inside Riser

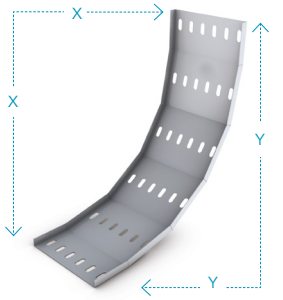
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
MR 50-450VR
MR 600-900IR

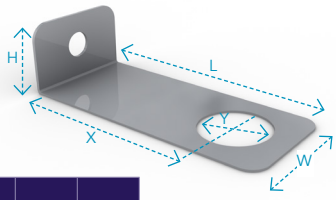
ZM GX SS GA — Available across this size range

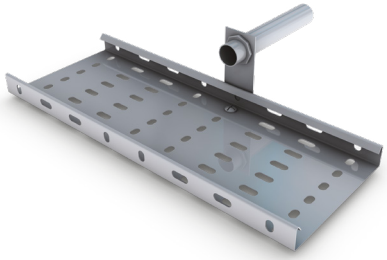
PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	297	297	297	297	297	297	297	297	297	297
Y	337	337	337	337	377	337	337	337	337	337



Conduit Take-off Plate

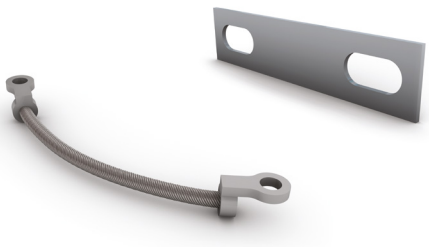




Part Code	H	L	W	X	Y
TRCB20	20	90	40	70	20
TRCB25	20	90	40	70	25

Suitable For Light/Medium/Heavy Tray.

Earth Link



Part Code	Description
CES	Plain Copper
TCES	Tinned Copper
EBS100	M6 Braid

Nuts & Bolts

Part Code
M6X12

Order separately.

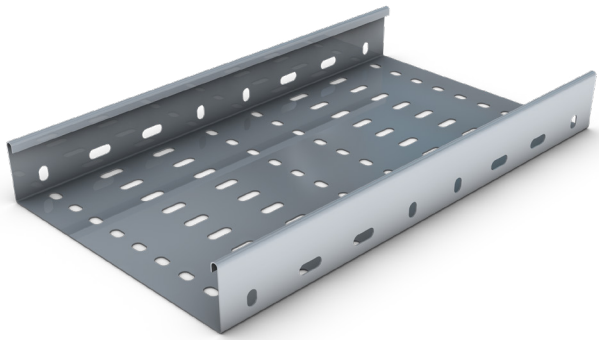
Heavy Duty Cable Tray

(in accordance with BS 61537)

Part Code	Tray Width (mm)
HR50T	50
HR75T	75
HR100T	100
HR150T	150
HR225T	225
HR300T	300
HR450T	450
HR600T	600
HR750T	750
HR900T	900

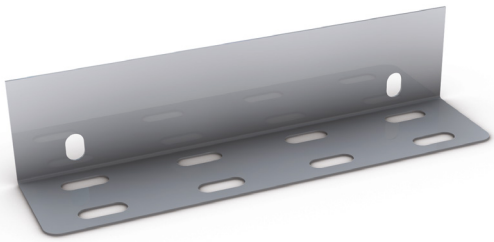
ZM, GX, SS, GA — Available across this size range

PG, CP — 750-900 only



If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

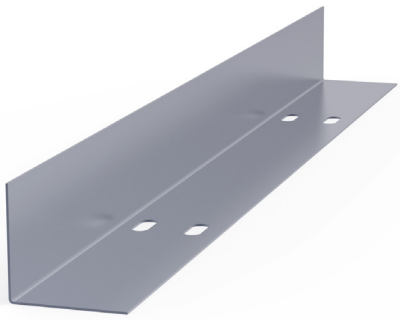
Straight Coupler



Part Code	Length (mm)
HR/SC	225

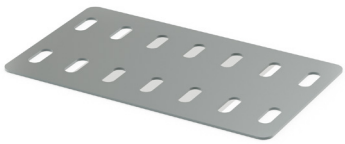
Sold in pairs.

Tray Divider



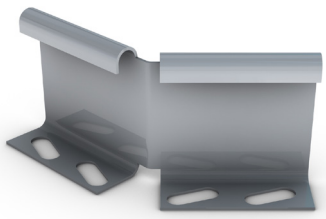
Part Code	Length (mm)
HR/DF	3000

Fish Plate



Part Code	Width (mm)
FP 100-900mm	Width dimension less 52

Cranked Coupler



Part Code
HR/CC

Sold in pairs.

Tray to Channel Klip

UNITRUNK RIS

Part Code
CHTR 50

Sold individually.

Product Available in: ZM PG GA SS CP GX

HOW TO ORDER ZM (Finish) - HR (Sidewall Height) - 450 (Width) - FB90 (Product Type)

Flat 90° Bend

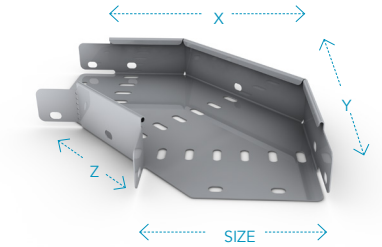
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
HR 50-900FB90

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	126	151	175	225	375	450	600	750	900	1058
Y	166	191	215	265	415	490	640	790	940	1098
Z	107	107	107	107	211	211	211	211	211	211



Flat 45° Bend

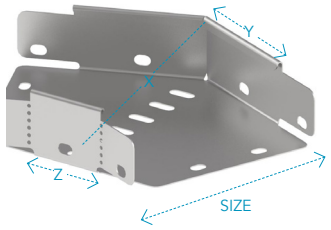
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
HR 50-900FB45

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	66	93	120	174	268	344	510	673	835	998
Y	52	63	73	94	155	187	249	311	373	435
Z	58	58	58	58	115	115	115	115	115	115



Flat 4 Way Equal Intersection

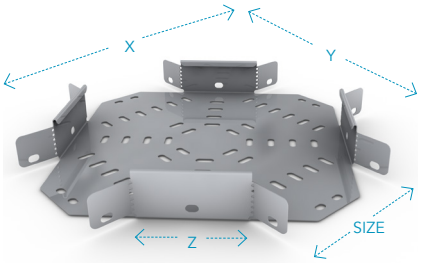
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
HR 50-900FW

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	177	213	249	320	532	637	850	1062	1274	1486
Y	177	213	249	320	532	637	850	1062	1274	1486
Z	107	107	107	107	211	211	211	211	211	211



Flat Equal Tee

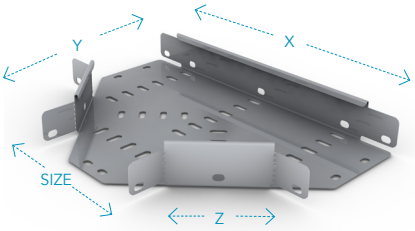
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
HR 50-900ET

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

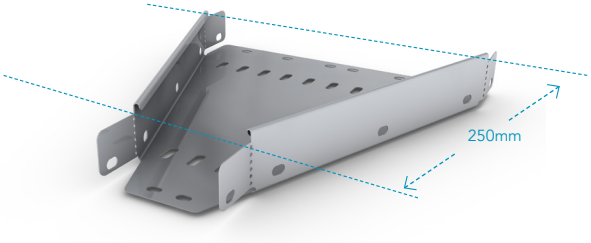
Size	50	75	100	150	225	300	450	600	750	900
X	204	229	254	304	530	605	755	906	1056	1206
Y	127	152	177	227	377	452	603	752	902	1053
Z	107	107	107	107	211	211	211	211	211	211



Reducer

Part Code	Length (mm)
HR-SR	250

Please state sizes required.



Outside Riser

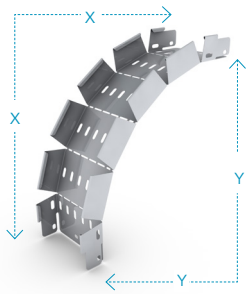
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
HR 50-450VR
HR 600-900ER

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	297	297	297	297	297	297	297	297	297	297
Y	337	337	337	337	377	337	337	337	337	337



Inside Riser

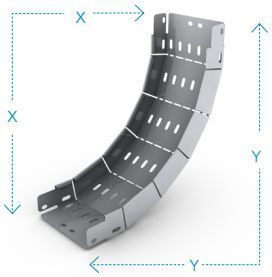
If you require 50 - 600 in PG CP please refer to the UNIKLIP Cable Tray section on page 42

Part Code
HR 50-450VR
HR 600-900IR

ZM GX SS GA — Available across this size range

PG CP — 750-900 only

Size	50	75	100	150	225	300	450	600	750	900
X	297	297	297	297	297	297	297	297	297	297
Y	337	337	337	337	377	337	337	337	337	337



DON'T FORGET

THE NUTS & BOLTS OF IT...

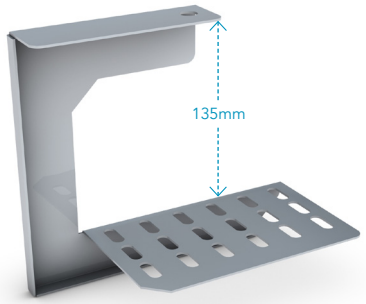
REMEMBER

CHECK SECTION 12

For all your Accessories & Supports needs (see page 138)

HOW TO ORDER — ZM (Finish) - HR (Sidewall Height) - 450 (Width) - FB90 (Product Type)

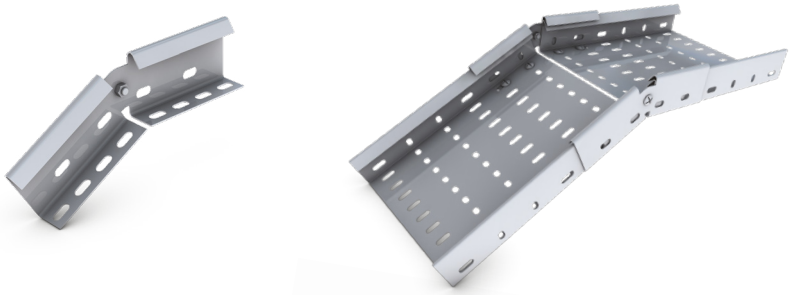
Tray Overhead Hangers



Part Code	Width (mm)
OH50-OH300	50 - 300

Suitable for Light/Medium/Heavy Duty Cable Tray.

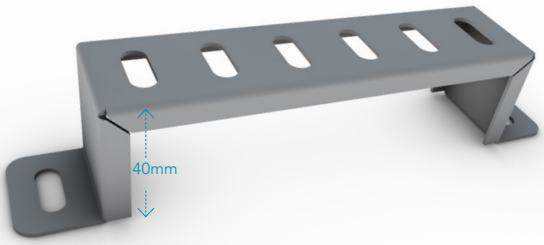
Vertical Adjustable Coupler



Part Code
HR-VAC / MR-VAC

Sold in pairs to suit MR and HR Tray.

Stand-off Bracket

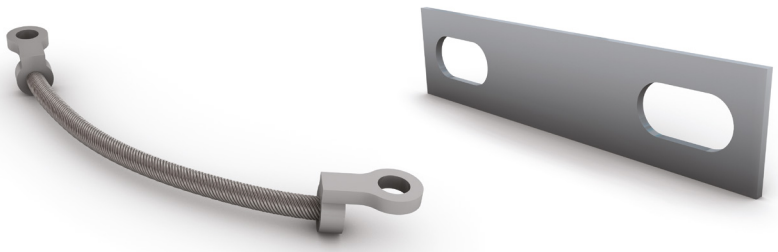


Part Code
SOB50-SOB600

Size	50	75	100	150	225	300	450	600

Available finishes include:
Pre-galvanised to BS EN 10346:2015 (standard references throughout brochure).
Post galvanised to BS EN ISO 1461:2009 (prefix reference with GA).
Powder coated (prefix reference with CP).
Stainless Steel 316 grade (prefix reference with SS).

Earth Link



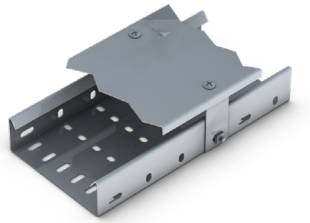
Part Code	Description
CES	Plain Copper
TCES	Tinned Copper
EBS100	M6 Braid

Covers & Brackets

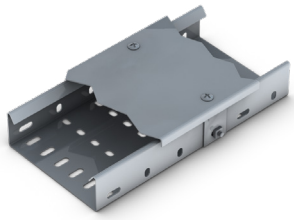
The Unitrunk cable tray range is complimented by an extensive range of covers. Covers are available to suit the Unitrunk medium duty and Unitrunk heavy duty cable tray systems. Covers are used with cable tray to provide mechanical and environmental protection for cables and other items installed on the cable tray. Covers can be installed as either closed (non-ventilated, close-fitting) or ventilated (plain raised cover) depending on the type of cover fixing kit supplied with each cover.

Covers for straight cable tray are available in non-standard gauges to suit particular site installation requirements, consult our Sales Team for details.

Ventilated covers for Unitrunk medium duty return flange cable tray have a ventilation gap of 21mm. Ventilated covers for Unitrunk heavy duty return flange cable tray have a ventilation gap of 24mm.

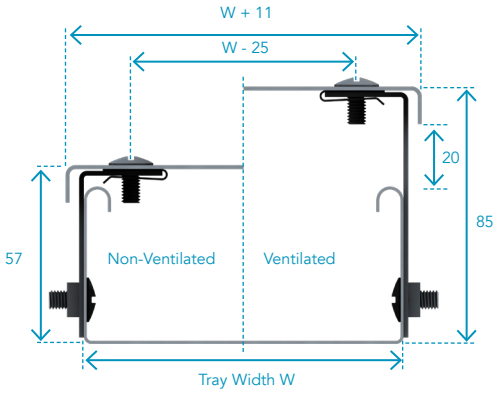


Straight Cable Tray
Ventilated (Raised) Cover

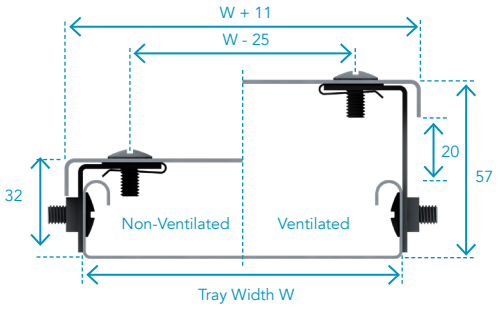


Straight Cable Tray Closed
(Non-Ventilated) Cover

Heavy Duty Cable Tray Covers



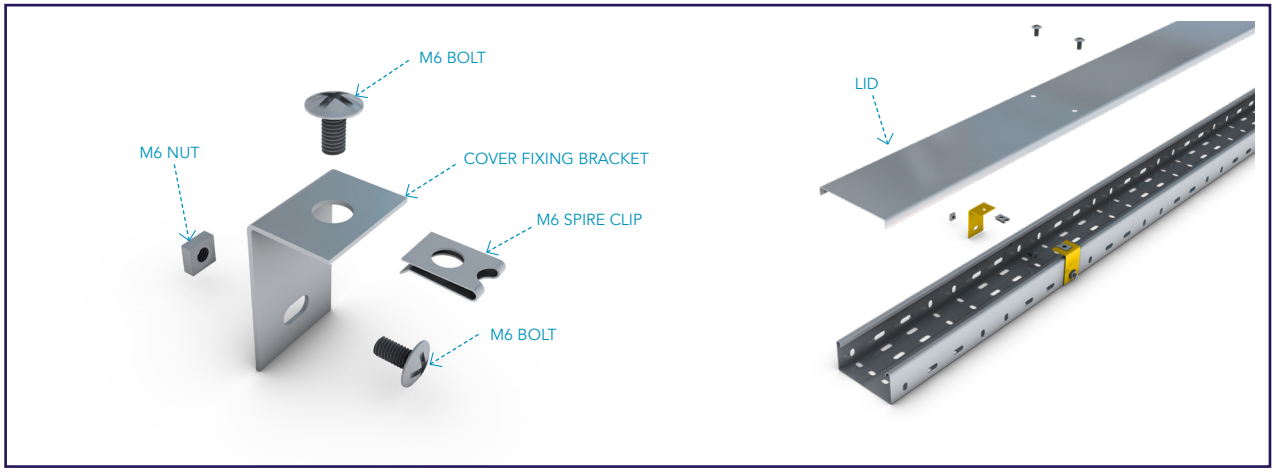
Medium Duty Cable Tray Covers



Covers Fixing Kits

Unitrunk cable tray covers are supplied as complete kits with all necessary fixings. Each fixing kit comprises of a component lid, cover fixing bracket, a corrosion resistant M6 spire clip, two M6 screws and one M6 nut.

The general method of assembly for the Unitrunk cable tray cover is shown below. This method is common to both medium and heavy duty cable trays, and to cable tray fittings.



Cable Tray Cover Ordering Code Guide

STEP 1: Product Finish

ZM	PG	GA	SS	CP	GX

*PG has no code prefix

STEP 2: Ventilation

Code	Cover Type
UC	Unventilated Cover
VC	Ventilated Cover

STEP 3: Tray Side Wall

Code	Sidewall Height
MR	Medium Duty
HR	Heavy Duty

STEP 4: Tray Width

Part Code	Tray Width (mm)
50	50
75	75
100	100
150	150
225	225
300	300
450	450
600	600
750	750
900	900

STEP 5: Product Type

Part Code	Product Type
T	Cable Tray
FB90	Flat Bend 90°
FB45	Flat Bend 45°
ET	Equal Tee
FW	Fourway Intersection
ER90	External Riser 90°
IR90	Internal Riser 90°
ER45	External Riser 45°
IR45	Internal Riser 45°
SR	Reducer

Example Ordering

- Stainless Steel, Unventilated cover
- Heavy Duty
- 100mm Wide
- Equal Tee

SSUCHR100ET

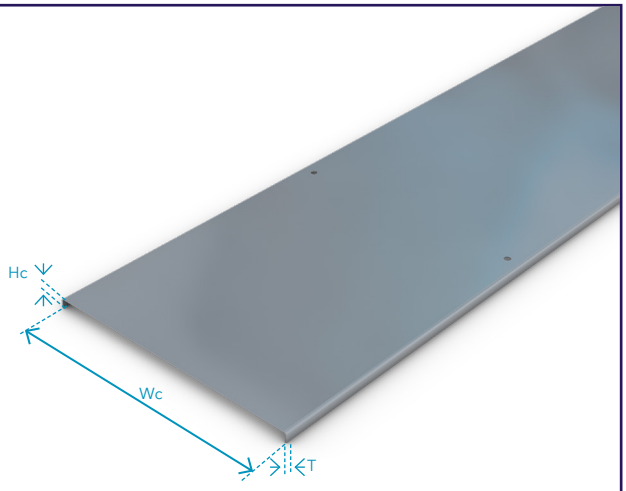
If you require specialist or bespoke products, or can't find the product specification you need, please contact one of our regional offices for assistance.

Straight Tray Covers

Unitrunk 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.

Straight Tray Covers - Dimensions & Weights

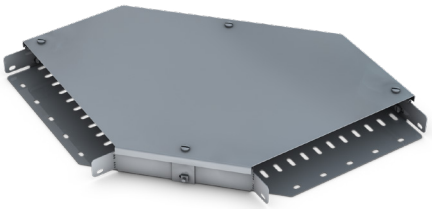
Ref.	Tray Width (mm)	Width - Wc (mm)	Height - Hc (mm)	Weight (kg)
CR50T	50	61	11.9	2.51
CR75T	75	86	11.9	3.17
CR100T	100	111	11.9	3.92
CR150T	150	161	11.9	5.43
CR225T	225	236	11.9	7.70
CR300T	300	311	12.2	9.96
CR450T	450	461	12.5	18.13
CR600T	600	611	12.5	23.78
CR750T	750	761	12.5	29.47
CR900T	900	911	12.5	35.12



Weights shown are for standard pre-galvanised finish .

Cable Tray Fitting Covers

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



Cover Fixing Kits

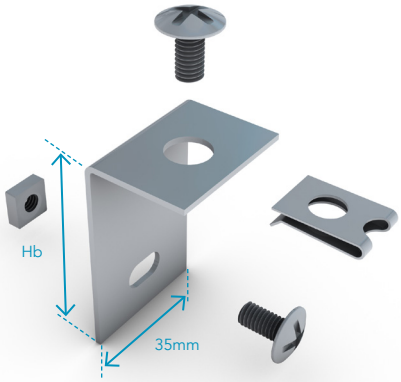
Covers for straight cable tray and cable tray fittings are supplied with the appropriate number of cover fixing kits as follows.

Each cover fixing kit is supplied with the appropriate cover fixing bracket for either a non-ventilated cover or ventilated cover based on the part number ordered.
(For dimensions of the cover mounting brackets please see table).

Cover Fixing Kit Requirements

Tray & Fitting Type	Width (mm)		
	50-150	225-450	600-900
Straight Tray	6	6	6
90° Flat Elbows	3	4	6
60° Flat Elbows	3	4	6
45° Flat Elbows	3	3	3
30° Flat Elbows	3	3	3
Inside Risers	4	4	4
Outside Risers	4	4	4
Equal Tees	3	4	5
Unequal Tees*	3	4	5
Equal Crosses	4	4	4
Reducers	4	4	4

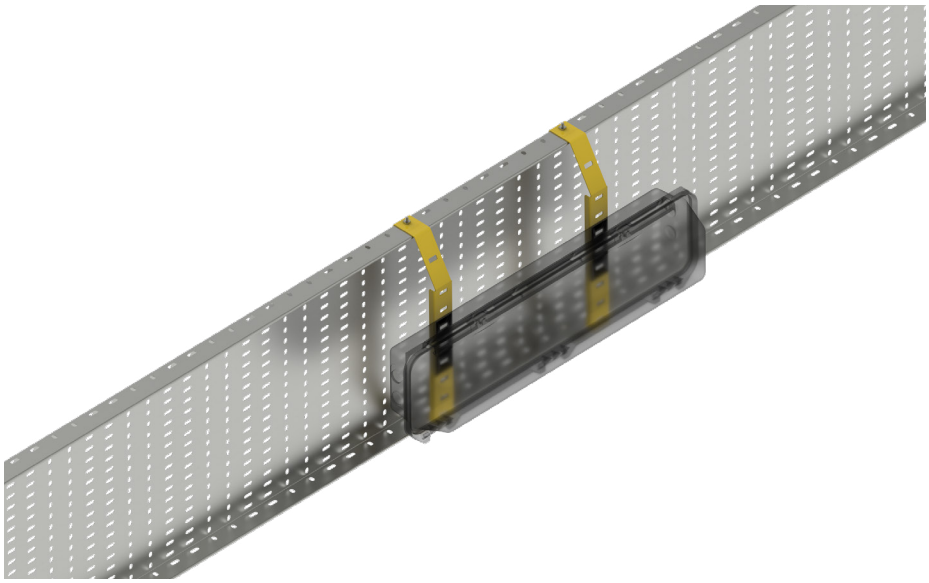
*Based on largest branch size



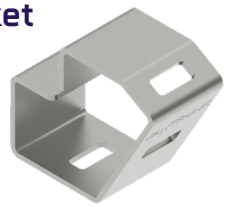
Part Code	Cover Type	Bracket Height Hb (mm)
BKT28-KIT	MR unventilated cover	28
BKT53-KIT	MR ventilated cover	53
BKT53-KIT	HR unventilated cover	53
BKT78-KIT	HR ventilated cover	78

CABLE TRAY LIGHTING ACCESSORIES

The brackets shown below are compatible with UNIKLIP® Cable Tray Systems.

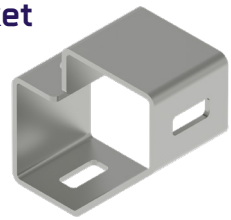


Fixed Angle Bracket 30° & 60°



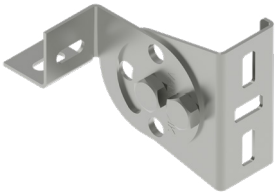
Part Code	
AC-LB1	Used for mounting lighting units at angles of either 30° or 60°. Fixed to both the sidewall and the base of the cable tray. Supplied singly.

Fixed Angle Bracket 0° & 45°



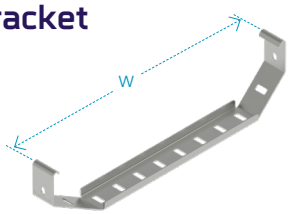
Part Code	
AC-LB2	Used for mounting lighting units at angles of either 45° or 90°. Fixed to both the sidewall and the base of the cable tray. Supplied singly.

Adjustable Angle Bracket



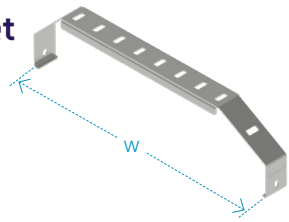
Part Code	
AC-LB3	Used for mounting lighting units at adjustable angles. Fixed to both the sidewall and the base of the cable tray. Supplied singly.

Under Slung Bracket



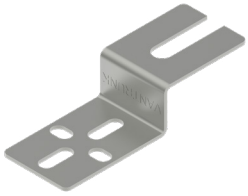
Part Code	
HR-LB4-Width	Used for mounting lighting units directly underneath the cable tray with a drop of 58 mm or at an angle of either 45° or 60°. Supplied singly.

Over Top Bracket



Part Code	
HR-LB5-Width	Used for mounting lighting units directly above cable tray at a height of 58mm or at an angle of either 45° or 60°, for use the cable tray is mounted against a surface on a handrail. Supplied singly.

Hold-Off Bracket



Part Code	
AC-LB6	Used for mounting lighting units to both the sidewall or the base of the cable tray. Supplied singly.