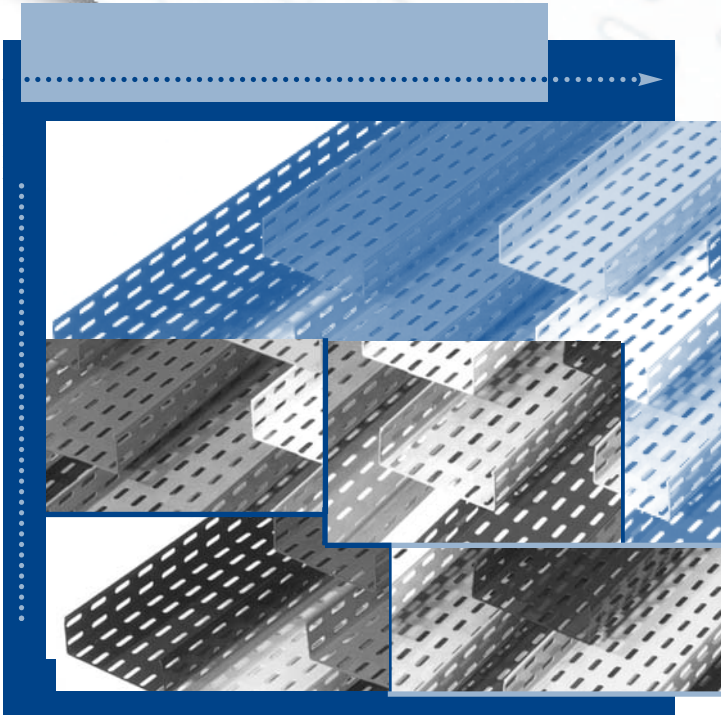




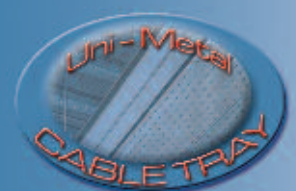
I N T R O D U C T I O N



Uni-Metal Cable trays and accessories from SFSP have been manufactured in compliance with BS 5750/BSEN 10130/BSEN 10131/ BSEN 10051 and NEMA standards. A wide, precise range of products capable of providing the characteristics which respond to the proposed application, along with quality of assembly, speed of installation, and cost savings cable trays.



Certificate Number Q19893



I N D E X

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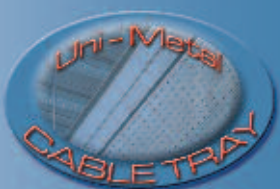
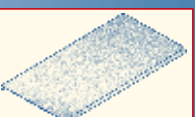
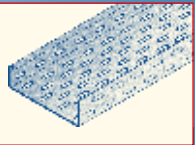
GENERAL INFORMATION

18

STANDARDS & FINISHES

18

I N D E X










Important Note:

This Catalogue has been prepared with inside return flange (RFI) and 50 mm side height with staggered perforation. For information about other types see pages 3, 16 & 17.

GENERAL OVERVIEW

▶ TYPES OF SIDE HEIGHTS (see also P. 16)

- | | | |
|-------------------------|-----|---|
| ● Straight | STR |  |
| ● Return Flange Inside | RFI |  |
| ● Return Flange Outside | RFO |  |
| ● C-Type Inside | CTI |  |
| ● C-Type Outside | CTO |  |

▶ SIDE HEIGHTS DIMENSIONS (see also P. 16)

- 13 25 50 75 100 mm

▶ WIDTH RANGE

- 50 up to 1000 mm

▶ TYPES OF PERFORATION

- | | |
|---|---|
| ● Staggered | ● Serial |
|  |  |

▶ MATERIAL THICKNESS (see also P. 17)

- 1.0 1.25 1.50 2.0 mm.

▶ SHAPE OF ACCESSORIES

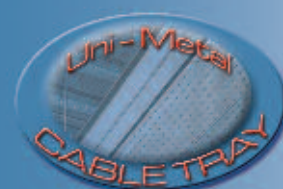
- | | |
|---|---|
| ● Cornered | ● Curved |
|  |  |

▶ AVAILABLE FINISHES (see also P. 19)

- | | |
|---------------------------------|----|
| ● Stainless Steel | SS |
| ● Pre-Galvanized Steel | PG |
| ● Hot dip Galvanized Steel | HG |
| ● Electrolytic Galvanized Steel | EG |
| ● Powder Coating | PC |



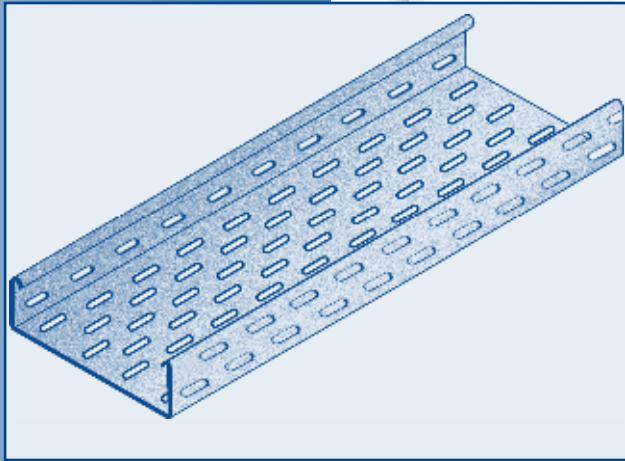
O
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CABLE TRAY RUNS

**50 mm
Side height**



- Return Flange Inside
- 50 mm side height
- Staggered

LCT - Cable Trays

LCT - 100/50

Thickness of sheet 1.0 mm
Stock length: 3000 mm / 2440 mm

Width mm	Order No.
50	100 050 0050 2
100	100 050 0100 2
150	100 050 0150 2
200	100 050 0200 2
225	100 050 0225 2

Light Duty

MCT - Cable Trays

MCT - 110/50

Thickness of sheet 1.25 mm
Stock length: 3000 mm / 2440 mm

Width mm	Order No.
50	110 050 0050 3
100	110 050 0100 3
150	110 050 0150 3
200	110 050 0200 3
225	110 050 0225 3
300	110 050 0300 3
400	110 050 0400 3
450	110 050 0450 3

Medium Duty

HCT - Cable Trays

HCT - 120/50

Thickness of sheet 1.5 mm
Stock length: 3000 mm / 2440 mm

Width mm	Order No.
50	120 050 0050 4
100	120 050 0100 4
150	120 050 0150 4
200	120 050 0200 4
225	120 050 0225 4
300	120 050 0300 4
400	120 050 0400 4
450	120 050 0450 4
500	120 050 0500 4
600	120 050 0600 4
700	120 050 0700 4

Heavy Duty

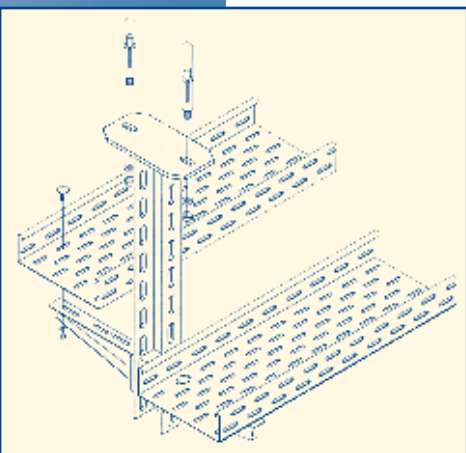
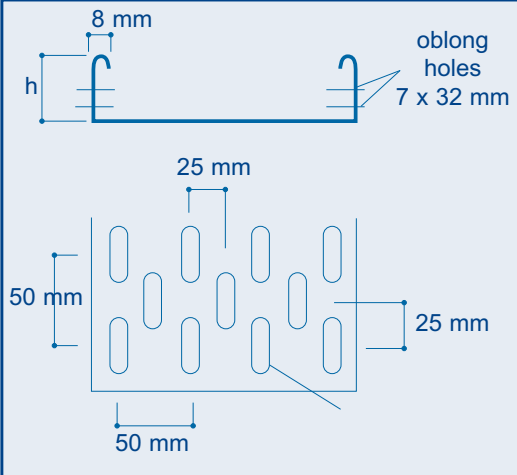
VCT - Cable Trays

VCT - 130/50

Thickness of sheet 2.0 mm
Stock length: 3000 mm / 2440 mm

Width mm	Order No.
50	130 050 0050 5
100	130 050 0100 5
150	130 050 0150 5
200	130 050 0200 5
225	130 050 0225 5
300	130 050 0300 5
400	130 050 0400 5
450	130 050 0450 5
500	130 050 0500 5
600	130 050 0600 5
700	130 050 0700 5
800	130 050 0800 5
900	130 050 0900 5
1000	130 050 1000 5

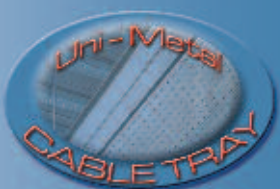
Very Heavy Duty



Side Heights

Cable trays are available in the following side heights:

25, 50, 75, & 100 mm



FITTINGS

Bend 45°

160/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	160 050 0050 2
100	160 050 0100 2
150	160 050 0150 2
200	160 050 0200 2
225	160 050 0225 2

170/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	170 050 0050 2
100	170 050 0100 2
150	170 050 0150 2
200	170 050 0200 2
225	170 050 0225 2

**50 mm
Side height**



180/50

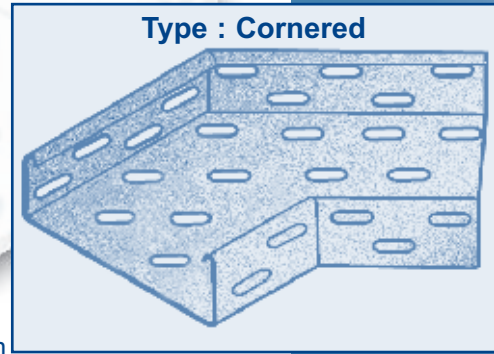
Type: Cornered
Thickness of sheet 1.25 mm

Width mm	Order No.
50	180 050 0050 3
100	180 050 0100 3
150	180 050 0150 3
200	180 050 0200 3
225	180 050 0225 3
300	180 050 0300 3
400	180 050 0400 3
450	180 050 0450 3

190/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	190 050 0050 3
100	190 050 0100 3
150	190 050 0150 3
200	190 050 0200 3
225	190 050 0225 3
300	190 050 0300 3
400	190 050 0400 3
450	190 050 0450 3



200/50

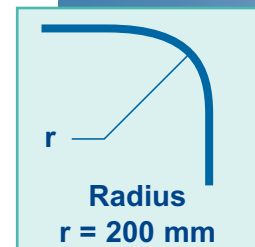
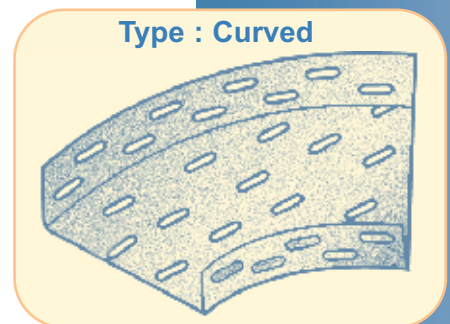
Type: Cornered
Thickness of sheet 1.5 mm

Width mm	Order No.
50	200 050 0050 4
100	200 050 0100 4
150	200 050 0150 4
200	200 050 0200 4
225	200 050 0225 4
300	200 050 0300 4
400	200 050 0400 4
450	200 050 0450 4
500	200 050 0500 4
600	200 050 0600 4
700	200 050 0700 4

210/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	210 050 0050 4
100	210 050 0100 4
150	210 050 0150 4
200	210 050 0200 4
225	210 050 0225 4
300	210 050 0300 4
400	210 050 0400 4
450	210 050 0450 4
500	210 050 0500 4
600	210 050 0600 4
700	210 050 0700 4



220/50

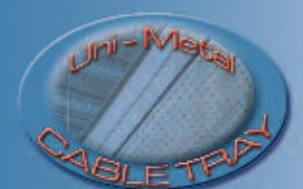
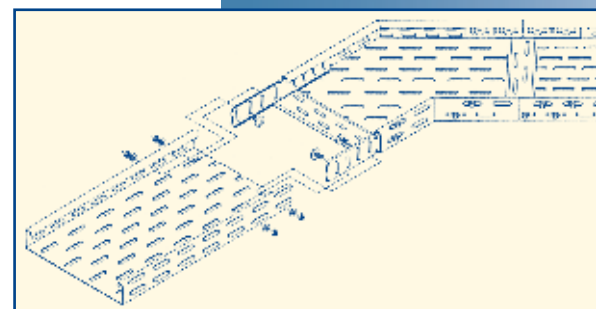
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	220 050 0050 5
100	220 050 0100 5
150	220 050 0150 5
200	220 050 0200 5
225	220 050 0225 5
300	220 050 0300 5
400	220 050 0400 5
450	220 050 0450 5
500	220 050 0500 5
600	220 050 0600 5
700	220 050 0700 5
800	220 050 0800 5
900	220 050 0900 5
1000	220 050 1000 5

230/50

Type: Curved
Thickness of sheet 2.0 mm

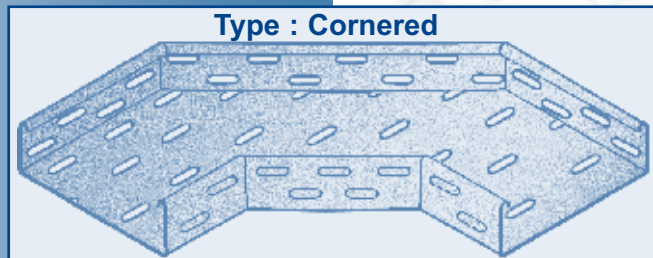
Width mm	Order No.
50	230 050 0050 5
100	230 050 0100 5
150	230 050 0150 5
200	230 050 0200 5
225	230 050 0225 5
300	230 050 0300 5
400	230 050 0400 5
450	230 050 0450 5
500	230 050 0500 5
600	230 050 0600 5
700	230 050 0700 5
800	230 050 0800 5
900	230 050 0900 5
1000	230 050 1000 5





Bend 90°

50 mm Side height



Type : Cornered

240/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	240 050 0050 2
100	240 050 0100 2
150	240 050 0150 2
200	240 050 0200 2
225	240 050 0225 2

250/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	250 050 0050 2
100	250 050 0100 2
150	250 050 0150 2
200	250 050 0200 2
225	250 050 0225 2

260/50

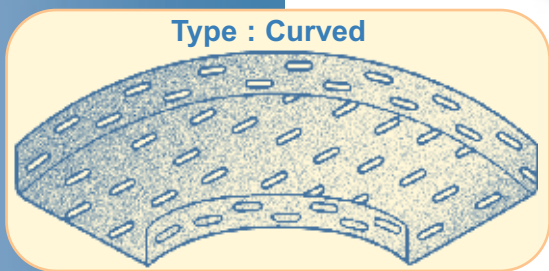
Type: Cornered
Thickness of sheet 1.25 mm

Width mm	Order No.
50	260 050 0050 3
100	260 050 0100 3
150	260 050 0150 3
200	260 050 0200 3
225	260 050 0225 3
300	260 050 0300 3
400	260 050 0400 3
450	260 050 0450 3

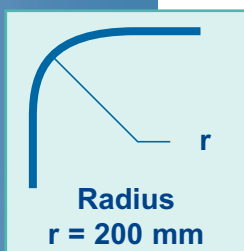
270/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	270 050 0050 3
100	270 050 0100 3
150	270 050 0150 3
200	270 050 0200 3
225	270 050 0225 3
300	270 050 0300 3
400	270 050 0400 3
450	270 050 0450 3



Type : Curved



280/50

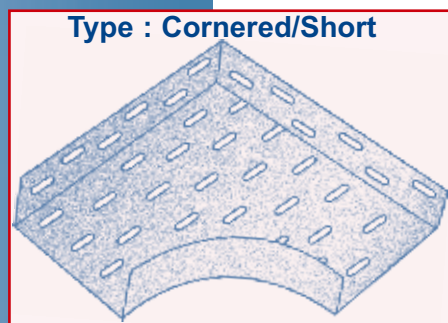
Type: Cornered
Thickness of sheet 1.5 mm

Width mm	Order No.
50	280 050 0050 4
100	280 050 0100 4
150	280 050 0150 4
200	280 050 0200 4
225	280 050 0225 4
300	280 050 0300 4
400	280 050 0400 4
450	280 050 0450 4
500	280 050 0500 4
600	280 050 0600 4
700	280 050 0700 4

290/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	290 050 0050 4
100	290 050 0100 4
150	290 050 0150 4
200	290 050 0200 4
225	290 050 0225 4
300	290 050 0300 4
400	290 050 0400 4
450	290 050 0450 4
500	290 050 0500 4
600	290 050 0600 4
700	290 050 0700 4



Type : Cornered/Short

Cornered/Short type

For this type, all specifications are the same as other bend 90° types.

Order No. shall be the same as curved type, but add the letter T at the end.

ex: 290 050 0050 4 ; Curved type

290 050 0050 4T ; Cornered/Short type

300/50

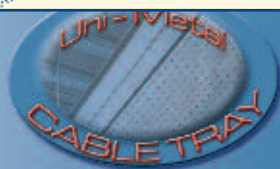
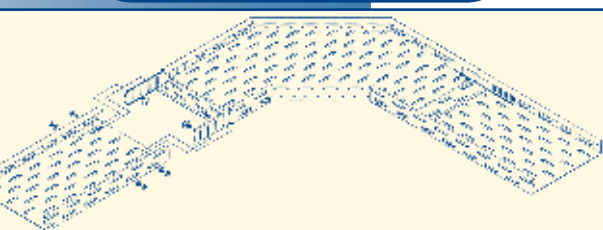
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	300 050 0050 5
100	300 050 0100 5
150	300 050 0150 5
200	300 050 0200 5
225	300 050 0225 5
300	300 050 0300 5
400	300 050 0400 5
450	300 050 0450 5
500	300 050 0500 5
600	300 050 0600 5
700	300 050 0700 5
800	300 050 0800 5
900	300 050 0900 5
1000	300 050 1000 5

310/50

Type: Curved
Thickness of sheet 2.0 mm

Width mm	Order No.
50	310 050 0050 5
100	310 050 0100 5
150	310 050 0150 5
200	310 050 0200 5
225	310 050 0225 5
300	310 050 0300 5
400	310 050 0400 5
450	310 050 0450 5
500	310 050 0500 5
600	310 050 0600 5
700	310 050 0700 5
800	310 050 0800 5
900	310 050 0900 5
1000	310 050 1000 5



Tee Branch

320/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	320 050 0050 2
100	320 050 0100 2
150	320 050 0150 2
200	320 050 0200 2
225	320 050 0225 2

330/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	330 050 0050 2
100	330 050 0100 2
150	330 050 0150 2
200	330 050 0200 2
225	330 050 0225 2



**50 mm
Side height**

340/50

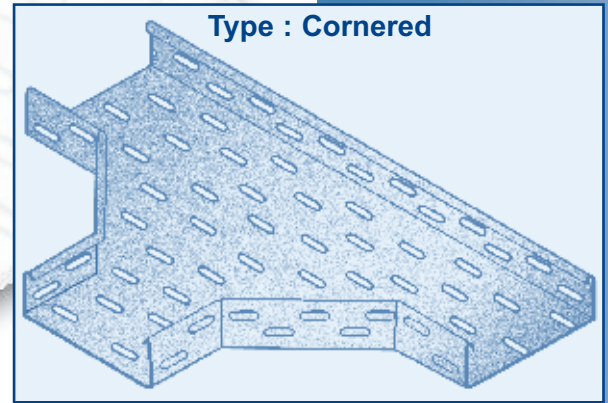
Type: Cornered
Thickness of sheet 1.25 mm

Width mm	Order No.
50	340 050 0050 3
100	340 050 0100 3
150	340 050 0150 3
200	340 050 0200 3
225	340 050 0225 3
300	340 050 0300 3
400	340 050 0400 3
450	340 050 0450 3

350/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	350 050 0050 3
100	350 050 0100 3
150	350 050 0150 3
200	350 050 0200 3
225	350 050 0225 3
300	350 050 0300 3
400	350 050 0400 3
450	350 050 0450 3



360/50

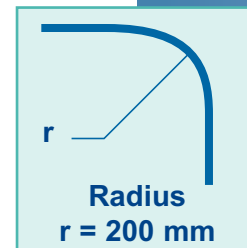
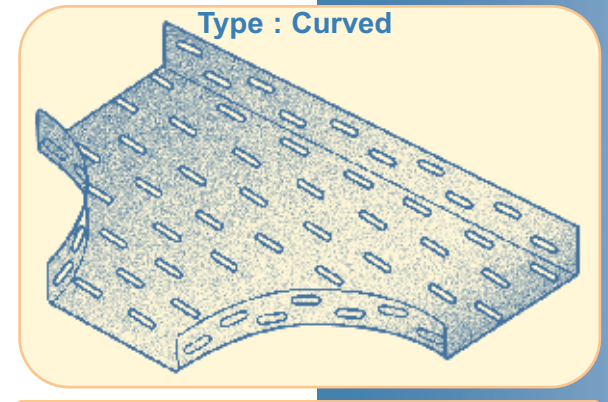
Type: Cornered
Thickness of sheet 1.5 mm

Width mm	Order No.
50	360 050 0050 4
100	360 050 0100 4
150	360 050 0150 4
200	360 050 0200 4
225	360 050 0225 4
300	360 050 0300 4
400	360 050 0400 4
450	360 050 0450 4
500	360 050 0500 4
600	360 050 0600 4
700	360 050 0700 4

370/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	370 050 0050 4
100	370 050 0100 4
150	370 050 0150 4
200	370 050 0200 4
225	370 050 0225 4
300	370 050 0300 4
400	370 050 0400 4
450	370 050 0450 4
500	370 050 0500 4
600	370 050 0600 4
700	370 050 0700 4



380/50

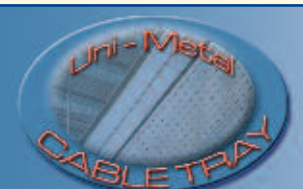
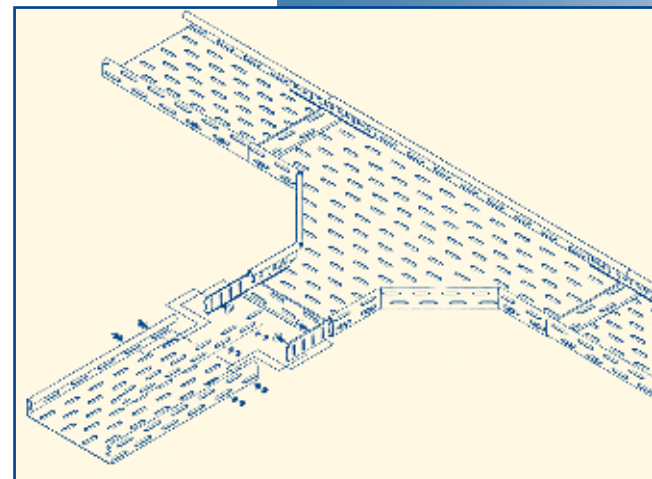
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	380 050 0050 5
100	380 050 0100 5
150	380 050 0150 5
200	380 050 0200 5
225	380 050 0225 5
300	380 050 0300 5
400	380 050 0400 5
450	380 050 0450 5
500	380 050 0500 5
600	380 050 0600 5
700	380 050 0700 5
800	380 050 0800 5
900	380 050 0900 5
1000	380 050 1000 5

390/50

Type: Curved
Thickness of sheet 2.0 mm

Width mm	Order No.
50	390 050 0050 4
100	390 050 0100 4
150	390 050 0150 4
200	390 050 0200 4
225	390 050 0225 4
300	390 050 0300 4
400	390 050 0400 4
450	390 050 0450 4
500	390 050 0500 4
600	390 050 0600 4
700	390 050 0700 4
800	390 050 0800 4
900	390 050 0900 4
1000	390 050 1000 4

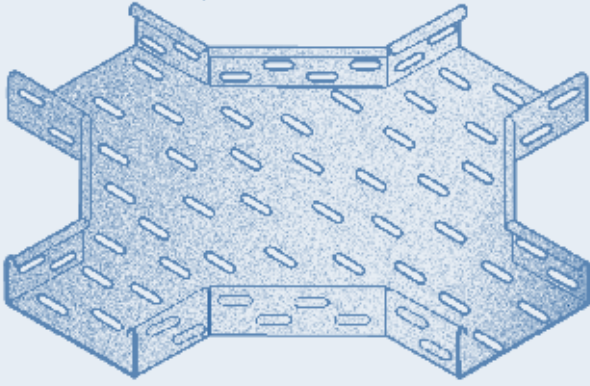


Intersection

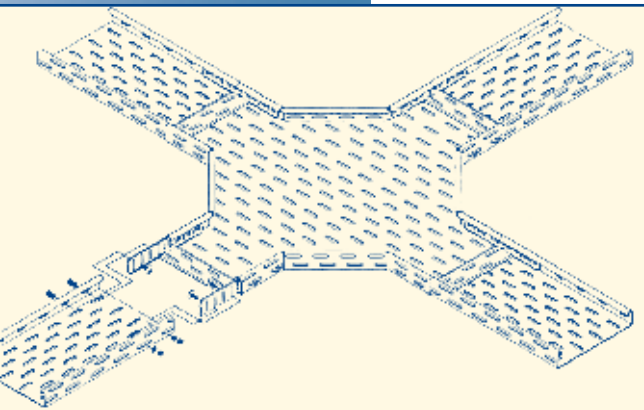
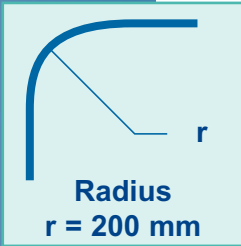
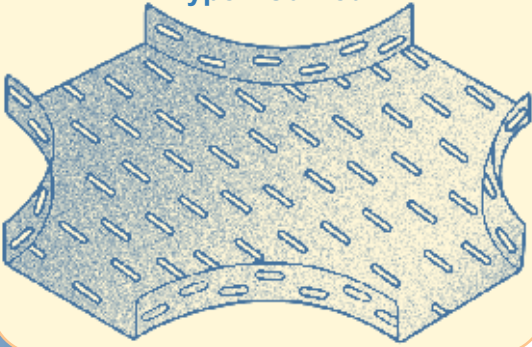


**50 mm
Side height**

Type : Cornered



Type : Curved



400/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	400 050 0050 2
100	400 050 0100 2
150	400 050 0150 2
200	400 050 0200 2
225	400 050 0225 2

410/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	410 050 0050 2
100	410 050 0100 2
150	410 050 0150 2
200	410 050 0200 2
225	410 050 0225 2

420/50

Type: Cornered
Thickness of sheet 1.25 mm

Width mm	Order No.
50	420 050 0050 3
100	420 050 0100 3
150	420 050 0150 3
200	420 050 0200 3
225	420 050 0225 3
300	420 050 0300 3
400	420 050 0400 3
450	420 050 0450 3

430/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	430 050 0050 3
100	430 050 0100 3
150	430 050 0150 3
200	430 050 0200 3
225	430 050 0225 3
300	430 050 0300 3
400	430 050 0400 3
450	430 050 0450 3

440/50

Type: Cornered
Thickness of sheet 1.5 mm

Width mm	Order No.
50	440 050 0050 4
100	440 050 0100 4
150	440 050 0150 4
200	440 050 0200 4
225	440 050 0225 4
300	440 050 0300 4
400	440 050 0400 4
450	440 050 0450 4
500	440 050 0500 4
600	440 050 0600 4
700	440 050 0700 4

450/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	450 050 0050 4
100	450 050 0100 4
150	450 050 0150 4
200	450 050 0200 4
225	450 050 0225 4
300	450 050 0300 4
400	450 050 0400 4
450	450 050 0450 4
500	450 050 0500 4
600	450 050 0600 4
700	450 050 0700 4

460/50

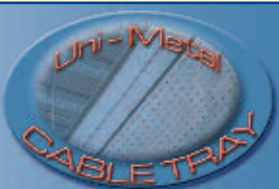
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	460 050 0050 5
100	460 050 0100 5
150	460 050 0150 5
200	460 050 0200 5
225	460 050 0225 5
300	460 050 0300 5
400	460 050 0400 5
450	460 050 0450 5
500	460 050 0500 5
600	460 050 0600 5
700	460 050 0700 5
800	460 050 0800 5
900	460 050 0900 5
1000	460 050 1000 5

470/50

Type: Curved
Thickness of sheet 2.0 mm

Width mm	Order No.
50	470 050 0050 5
100	470 050 0100 5
150	470 050 0150 5
200	470 050 0200 5
225	470 050 0225 5
300	470 050 0300 5
400	470 050 0400 5
450	470 050 0450 5
500	470 050 0500 5
600	470 050 0600 5
700	470 050 0700 5
800	470 050 0800 5
900	470 050 0900 5
1000	470 050 1000 5



Vertical 90° outside riser



**50 mm
Side height**

480/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	480 050 0050 2
100	480 050 0100 2
150	480 050 0150 2
200	480 050 0200 2
225	480 050 0225 2

490/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	490 050 0050 2
100	490 050 0100 2
150	490 050 0150 2
200	490 050 0200 2
225	490 050 0225 2

500/50

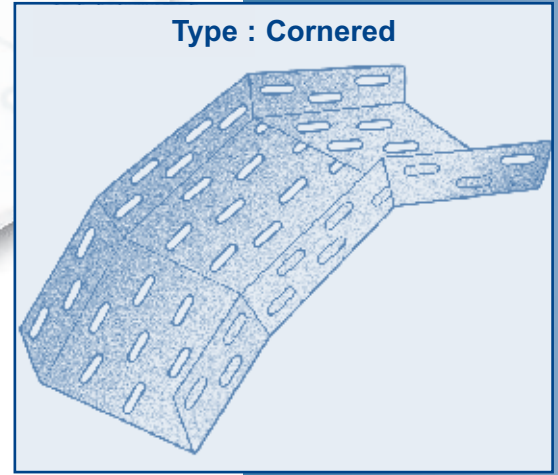
Type: Cornered
Thickness of sheet 1.25 mm

Width mm	Order No.
50	500 050 0050 3
100	500 050 0100 3
150	500 050 0150 3
200	500 050 0200 3
225	500 050 0225 3
300	500 050 0300 3
400	500 050 0400 3
450	500 050 0450 3

510/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	510 050 0050 3
100	510 050 0100 3
150	510 050 0150 3
200	510 050 0200 3
225	510 050 0225 3
300	510 050 0300 3
400	510 050 0400 3
450	510 050 0450 3



520/50

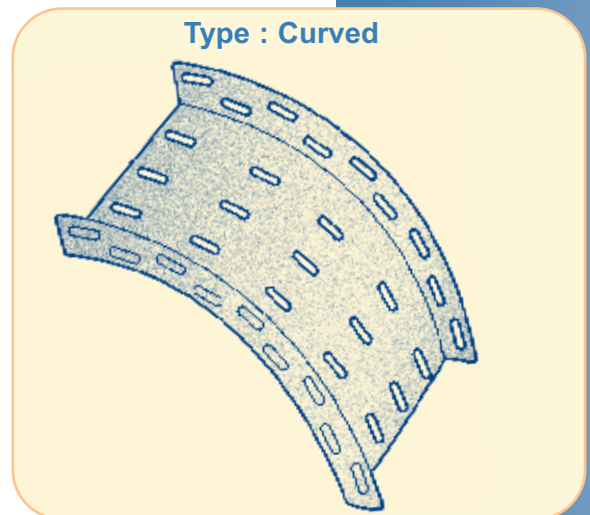
Type: Cornered
Thickness of sheet 1.5 mm

Width mm	Order No.
50	520 050 0050 4
100	520 050 0100 4
150	520 050 0150 4
200	520 050 0200 4
225	520 050 0225 4
300	520 050 0300 4
400	520 050 0400 4
450	520 050 0450 4
500	520 050 0500 4
600	520 050 0600 4
700	520 050 0700 4

530/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	530 050 0050 4
100	530 050 0100 4
150	530 050 0150 4
200	530 050 0200 4
225	530 050 0225 4
300	530 050 0300 4
400	530 050 0400 4
450	530 050 0450 4
500	530 050 0500 4
600	530 050 0600 4
700	530 050 0700 4



540/50

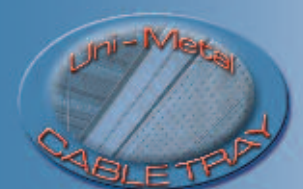
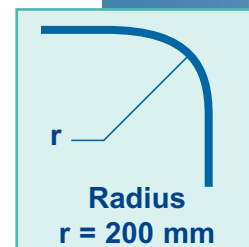
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	540 050 0050 5
100	540 050 0100 5
150	540 050 0150 5
200	540 050 0200 5
225	540 050 0225 5
300	540 050 0300 5
400	540 050 0400 5
450	540 050 0450 5
500	540 050 0500 5
600	540 050 0600 5
700	540 050 0700 5
800	540 050 0800 5
900	540 050 0900 5
1000	540 050 1000 5

550/50

Type: Curved
Thickness of sheet 2.0 mm

Width mm	Order No.
50	550 050 0050 5
100	550 050 0100 5
150	550 050 0150 5
200	550 050 0200 5
225	550 050 0250 5
300	550 050 0300 5
400	550 050 0400 5
450	550 050 0450 5
500	550 050 0500 5
600	550 050 0600 5
700	550 050 0700 5
800	550 050 0800 5
900	550 050 0900 5
1000	550 050 1000 5

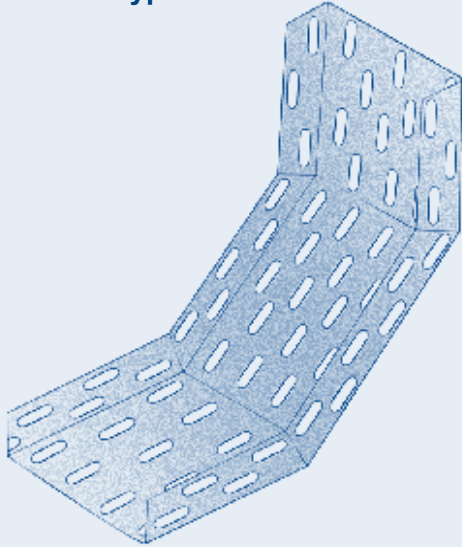




Vertical 90° inside riser

**50 mm
Side height**

Type : Cornered



560/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	560 050 0050 2
100	560 050 0100 2
150	560 050 0150 2
200	560 050 0200 2
225	560 050 0225 2

570/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	570 050 0050 2
100	570 050 0100 2
150	570 050 0150 2
200	570 050 0200 2
225	570 050 0225 2

580/50

Type: Cornered
Thickness of sheet 1.25 mm

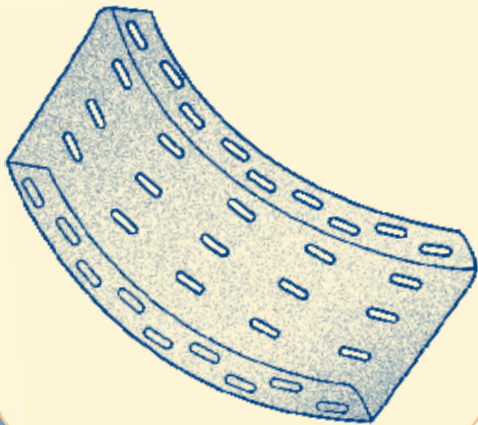
Width mm	Order No.
50	580 050 0050 3
100	580 050 0100 3
150	580 050 0150 3
200	580 050 0200 3
225	580 050 0225 3
300	580 050 0300 3
400	580 050 0400 3
450	580 050 0450 3

590/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	590 050 0050 3
100	590 050 0100 3
150	590 050 0150 3
200	590 050 0200 3
225	590 050 0225 3
300	590 050 0300 3
400	590 050 0400 3
450	590 050 0450 3

Type : Curved



600/50

Type: Cornered
Thickness of sheet 1.5 mm

Width mm	Order No.
50	600 050 0050 4
100	600 050 0100 4
150	600 050 0150 4
200	600 050 0200 4
225	600 050 0225 4
300	600 050 0300 4
400	600 050 0400 4
450	600 050 0450 4
500	600 050 0500 4
600	600 050 0600 4
700	600 050 0700 4

610/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	610 050 0050 4
100	610 050 0100 4
150	610 050 0150 4
200	610 050 0200 4
225	610 050 0225 4
300	610 050 0300 4
400	610 050 0400 4
450	610 050 0450 4
500	610 050 0500 4
600	610 050 0600 4
700	610 050 0700 4

Radius
r = 200 mm

620/50

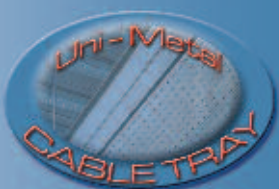
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	620 050 0050 5
100	620 050 0100 5
150	620 050 0150 5
200	620 050 0200 5
225	620 050 0225 5
300	620 050 0300 5
400	620 050 0400 5
450	620 050 0450 5
500	620 050 0500 5
600	620 050 0600 5
700	620 050 0700 5
800	620 050 0800 5
900	620 050 0900 5
1000	620 050 1000 5

630/50

Type: Curved
Thickness of sheet 2.0 mm

Width mm	Order No.
50	630 050 0050 5
100	630 050 0100 5
150	630 050 0150 5
200	630 050 0200 5
225	630 050 0225 5
300	630 050 0300 5
400	630 050 0400 5
450	630 050 0450 5
500	630 050 0500 5
600	630 050 0600 5
700	630 050 0700 5
800	630 050 0800 5
900	630 050 0900 5
1000	630 050 1000 5



Adjustable riser

640/50

Thickness of sheet 1.0 mm

Width mm	Order No.
50	640 050 0050 2
100	640 050 0100 2
150	640 050 0150 2
200	640 050 0200 2
225	640 050 0225 2

650/50

Thickness of sheet 1.25 mm

Width mm	Order No.
50	650 050 0050 3
100	650 050 0100 3
150	650 050 0150 3
200	650 050 0200 3
225	650 050 0225 3
300	650 050 0300 3
400	650 050 0400 3
450	650 050 0450 3

**50 mm
Side height**



660/50

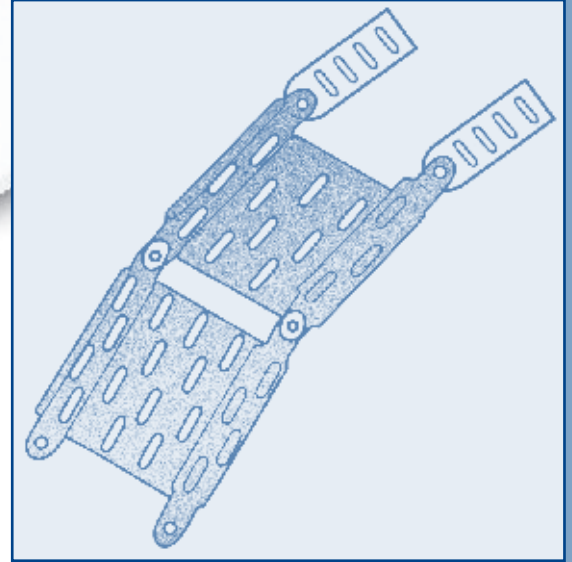
Thickness of sheet 1.5 mm

Width mm	Order No.
50	660 050 0050 4
100	660 050 0100 4
150	660 050 0150 4
200	660 050 0200 4
225	660 050 0225 4
300	660 050 0300 4
400	660 050 0400 4
450	660 050 0450 4
500	660 050 0500 4
600	660 050 0600 4
700	660 050 0700 4

670/50

Thickness of sheet 2.0 mm

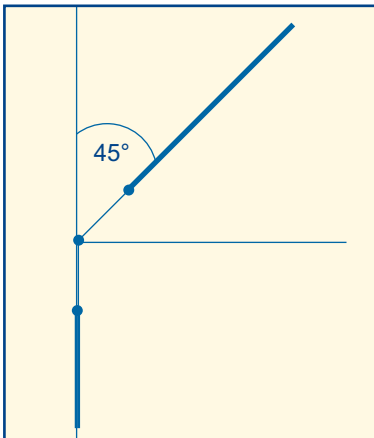
Width mm	Order No.
50	670 050 0050 4
100	670 050 0100 4
150	670 050 0150 4
200	670 050 0200 4
225	670 050 0225 4
300	670 050 0300 4
400	670 050 0400 4
450	670 050 0450 4
500	670 050 0500 4
600	670 050 0600 4
700	670 050 0700 4
800	670 050 0800 4
900	670 050 0900 4
1000	670 050 1000 4



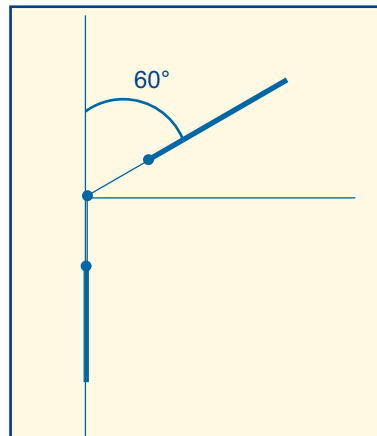
Custom risers

Custom risers are suitable for 45° and 60° angles

Angle: 45°

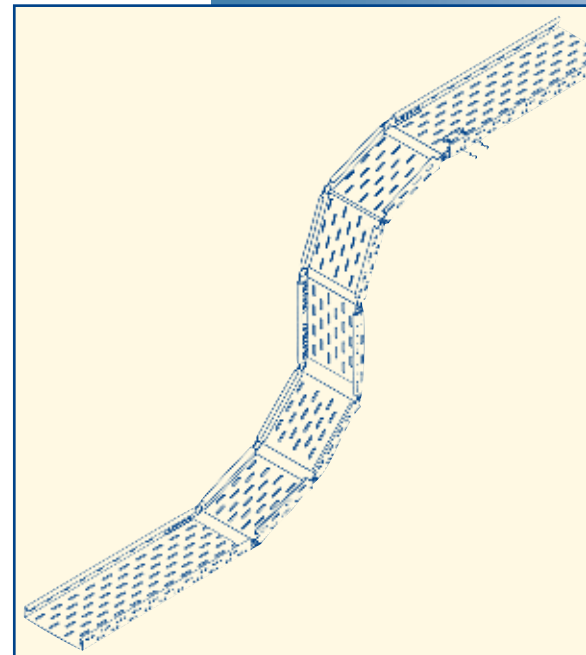


Angle: 60°



For inquiries use same code as adjustable risers and add the angle desired at the end, ex:

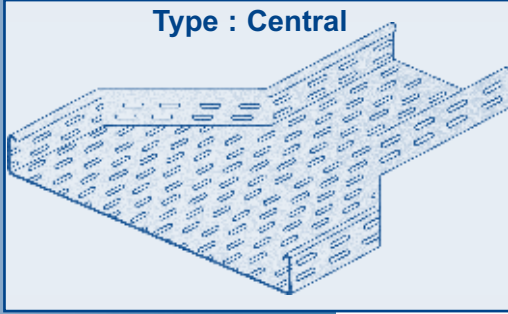
- 660 050 0300 4/45 for custom riser 45° angle
- 660 050 0300 4/60 for custom riser 60° angle



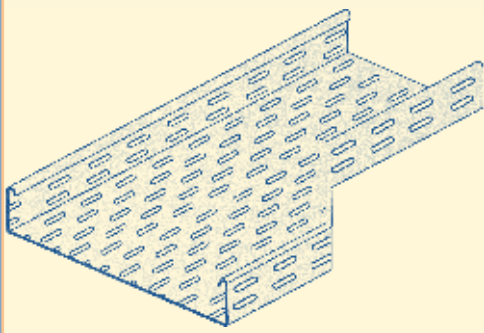
Reducer

**50 mm
Side height**

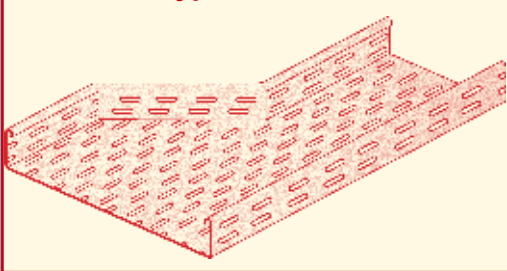
Type : Central



Type : Right Side



Type : Left Side



680/50

Type: Central
Reducing size: 100 mm
Thickness of sheet 1.0 mm

Width mm	Order No.
150	680 050 0150/100 2
200	680 050 0200/100 2
225	680 050 0225/100 2

710/50

Type: Central
Reducing size: 100 mm
Thickness of sheet 1.25 mm

Width mm	Order No.
150	710 050 0150/100 3
200	710 050 0200/100 3
225	710 050 0225/100 3
300	710 050 0300/100 3
400	710 050 0400/100 3
450	710 050 0450/100 3

740/50

Type: Central
Reducing size: 100 mm
Thickness of sheet 1.5 mm

Width mm	Order No.
150	740 050 0150/100 4
200	740 050 0200/100 4
225	740 050 0225/100 4
300	740 050 0300/100 4
400	740 050 0400/100 4
450	740 050 0450/100 4
500	740 050 0500/100 4
600	740 050 0600/100 4
700	740 050 0700/100 4

770/50

Type: Central
Reducing size: 100 mm
Thickness of sheet 2.0 mm

Width mm	Order No.
150	770 050 0150/100 5
200	770 050 0200/100 5
225	770 050 0225/100 5
300	770 050 0300/100 5
400	770 050 0400/100 5
450	770 050 0450/100 5
500	770 050 0500/100 5
600	770 050 0600/100 5
700	770 050 0700/100 5
800	770 050 0800/100 5
900	770 050 0900/100 5
1000	770 050 1000/100 5

690/50

Type: Right side
Reducing size: 100 mm
Thickness of sheet 1.0 mm

Width mm	Order No.
150	690 050 0150/100 2
200	690 050 0200/100 2
225	690 050 0225/100 2

720/50

Type: Right side
Reducing size: 100 mm
Thickness of sheet 1.25 mm

Width mm	Order No.
150	720 050 0150/100 3
200	720 050 0200/100 3
225	720 050 0225/100 3
300	720 050 0300/100 3
400	720 050 0400/100 3
450	720 050 0450/100 3

750/50

Type: Right side
Reducing size: 100 mm
Thickness of sheet 1.5 mm

Width mm	Order No.
150	750 050 0150/100 4
200	750 050 0200/100 4
225	750 050 0225/100 4
300	750 050 0300/100 4
400	750 050 0400/100 4
450	750 050 0450/100 4
500	750 050 0500/100 4
600	750 050 0600/100 4
700	750 050 0700/100 4

780/50

Type: Right side
Reducing size: 100 mm
Thickness of sheet 2.0 mm

Width mm	Order No.
150	780 050 0150/100 5
200	780 050 0200/100 5
225	780 050 0225/100 5
300	780 050 0300/100 5
400	780 050 0400/100 5
450	780 050 0450/100 5
500	780 050 0500/100 5
600	780 050 0600/100 5
700	780 050 0700/100 5
800	780 050 0800/100 5
900	780 050 0900/100 5
1000	780 050 1000/100 5

700/50

Type: Left side
Reducing size: 100 mm
Thickness of sheet 1.0 mm

Width mm	Order No.
150	700 050 0150/100 2
200	700 050 0200/100 2
225	700 050 0225/100 2

730/50

Type: Left side
Reducing size: 100 mm
Thickness of sheet 1.25 mm

Width mm	Order No.
150	730 050 0150/100 3
200	730 050 0200/100 3
225	730 050 0225/100 3
300	730 050 0300/100 3
400	730 050 0400/100 3
450	730 050 0450/100 3

760/50

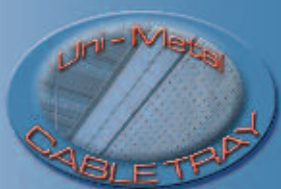
Type: Left side
Reducing size: 100 mm
Thickness of sheet 1.5 mm

Width mm	Order No.
150	760 050 0150/100 4
200	760 050 0200/100 4
225	760 050 0225/100 4
300	760 050 0300/100 4
400	760 050 0400/100 4
450	760 050 0450/100 4
500	760 050 0500/100 4
600	760 050 0600/100 4
700	760 050 0700/100 4

790/50

Type: Left side
Reducing size: 100 mm
Thickness of sheet 2.0 mm

Width mm	Order No.
150	790 050 0150/100 5
200	790 050 0200/100 5
225	790 050 0225/100 5
300	790 050 0300/100 5
400	790 050 0400/100 5
450	790 050 0450/100 5
500	790 050 0500/100 5
600	790 050 0600/100 5
700	790 050 0700/100 5
800	790 050 0800/100 5
900	790 050 0900/100 5
1000	790 050 1000/100 5



Add - on branch

800/50

Type: Cornered
Thickness of sheet 1.0 mm

Width mm	Order No.
50	800 050 0050 2
100	800 050 0100 2
150	800 050 0150 2
200	800 050 0200 2
225	800 050 0225 2

810/50

Type: Curved
Thickness of sheet 1.0 mm

Width mm	Order No.
50	810 050 0050 2
100	810 050 0100 2
150	810 050 0150 2
200	810 050 0200 2
225	810 050 0225 2

**50 mm
Side height**

820/50

Type: Cornered
Thickness of sheet 1.25 mm

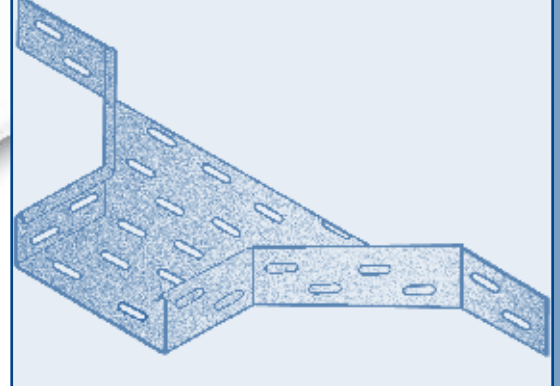
Width mm	Order No.
50	820 050 0050 3
100	820 050 0100 3
150	820 050 0150 3
200	820 050 0200 3
225	820 050 0225 3
300	820 050 0300 3
400	820 050 0400 3
450	820 050 0450 3

830/50

Type: Curved
Thickness of sheet 1.25 mm

Width mm	Order No.
50	830 050 0050 3
100	830 050 0100 3
150	830 050 0150 3
200	830 050 0200 3
225	830 050 0225 3
300	830 050 0300 3
400	830 050 0400 3
450	830 050 0450 3

Type : Cornered



840/50

Type: Cornered
Thickness of sheet 1.5 mm

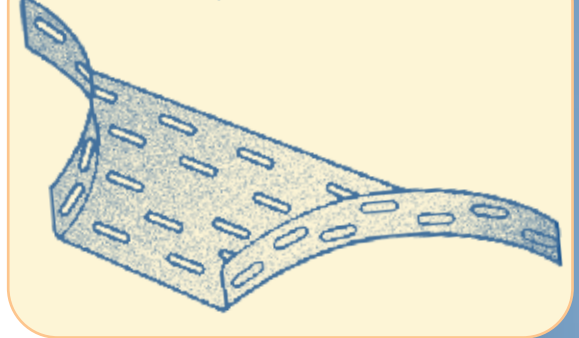
Width mm	Order No.
50	840 050 0050 4
100	840 050 0100 4
150	840 050 0150 4
200	840 050 0200 4
250	840 050 0225 4
300	840 050 0300 4
400	840 050 0400 4
450	840 050 0450 4
500	840 050 0500 4
600	840 050 0600 4
700	840 050 0700 4

850/50

Type: Curved
Thickness of sheet 1.5 mm

Width mm	Order No.
50	850 050 0050 4
100	850 050 0100 4
150	850 050 0150 4
200	850 050 0200 4
225	850 050 0225 4
300	850 050 0300 4
400	850 050 0400 4
450	850 050 0450 4
500	850 050 0500 4
600	850 050 0600 4
700	850 050 0700 4

Type : Curved



860/50

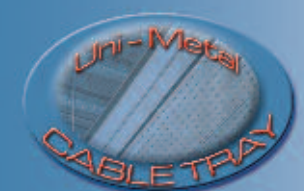
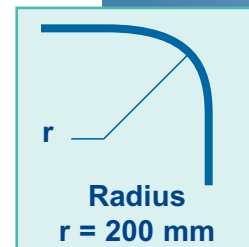
Type: Cornered
Thickness of sheet 2.0 mm

Width mm	Order No.
50	860 050 0050 5
100	860 050 0100 5
150	860 050 0150 5
200	860 050 0200 5
225	860 050 0225 5
300	860 050 0300 5
400	860 050 0400 5
450	860 050 0450 5
500	860 050 0500 5
600	860 050 0600 5
700	860 050 0700 5
800	860 050 0800 5
900	860 050 0900 5
1000	860 050 1000 5

870/50

Type: Curved
Thickness of sheet 2.0 mm

Width mm	Order No.
50	870 050 0050 5
100	870 050 0100 5
150	870 050 0150 5
200	870 050 0200 5
225	870 050 0225 5
300	870 050 0300 5
400	870 050 0400 5
450	870 050 0450 5
500	870 050 0500 5
600	870 050 0600 5
700	870 050 0700 5
800	870 050 0800 5
900	870 050 0900 5
1000	870 050 1000 5



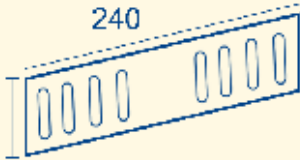
ACCESSORIES

**50 mm
Side height**

Connectors

Straight Connector

240



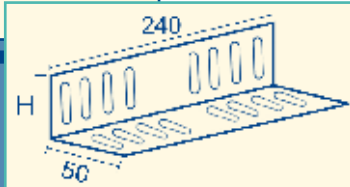
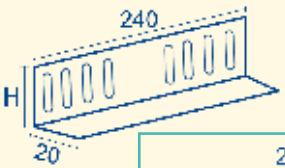
Straight Connector 1000

Thickness of sheet 1.5 mm

Height	Order No.
50	1000 050 4
75	1000 075 4
100	1000 100 4

Angle Connectors

240



Angle Connector 20 1010 - L20

Thickness of sheet 1.5 mm

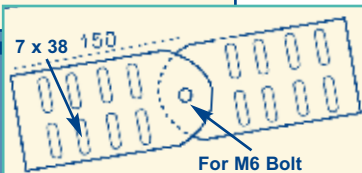
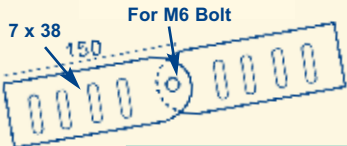
Height	Order No.
50	1010 050 4
75	1010 750 4
100	1010 100 4

Angle Connector 40 1020-L40

Thickness of sheet 1.5 mm

Height	Order No.
50	1020 050 4
75	1020 075 4
100	1020 100 4

Adjustable Connectors



Adjustable Connector 20 1030/50-W20

Thickness of sheet 1.5 mm

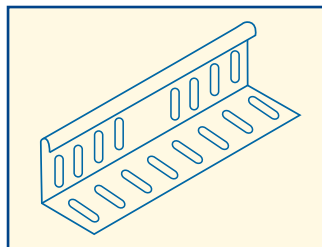
Height	Order No.
50	1030 050 4

Adjustable Connector 40 1040/50-W40

Thickness of sheet 1.5 mm

Height	Order No.
50	1040 050 4

Wrap-over Connector



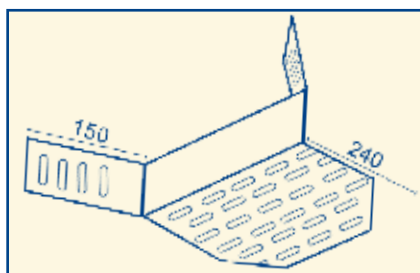
Wrap Over Connector 1050

Thickness of sheet 1.5 mm

Height	Order No.
50	1050 050 4

Wrap-over Connector is available with different side height types.

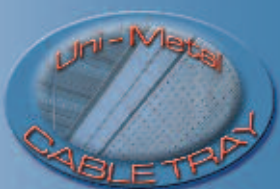
Corner Connector



Corner Connector 1060/50

Thickness of sheet 1.5 mm

Height	Order No.
50	1060 050 4





**50 mm
Side height**

Barrier strip

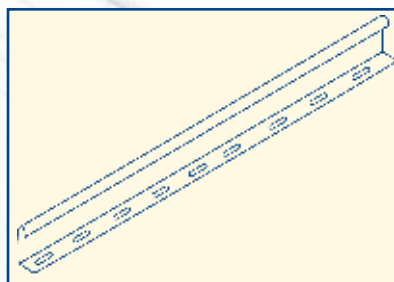
1070/50

Thickness of sheet 1.5 mm

Height	Order No.
50	1070 050 4

Lengths available: 2440 & 3000 mm

Barrier Strip



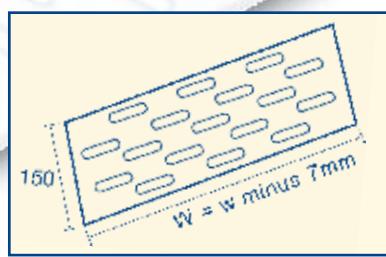
Joint plate

1080/150

Thickness of sheet 1.5 mm

Length	Order No.
150	1080 0150 4

Joint Plate



Width = width of tray minus 7 mm

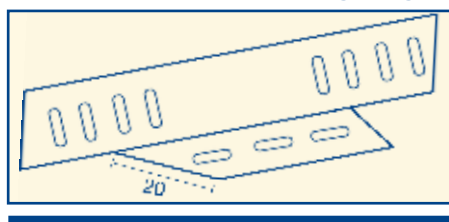
Reducing angle

1090/50

Thickness of sheet 1.5 mm

Height	Order No.
50	1090 050 4

Reducing Angle



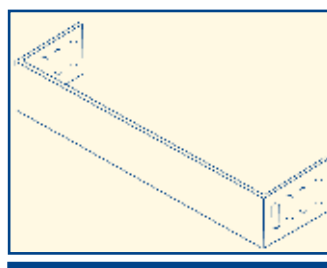
End plate

1100/50

Thickness of sheet 1.5 mm

Height	Order No.
50	1100 050 4

End Plate



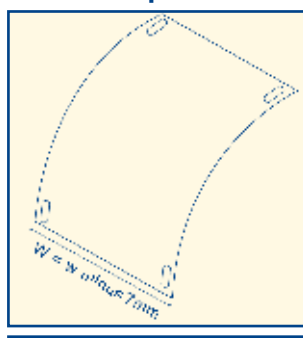
Drop Out plate

1110

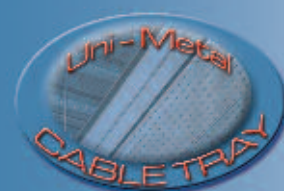
Thickness of sheet 1.5 mm

Order No.
1110 4

Drop Out Plate



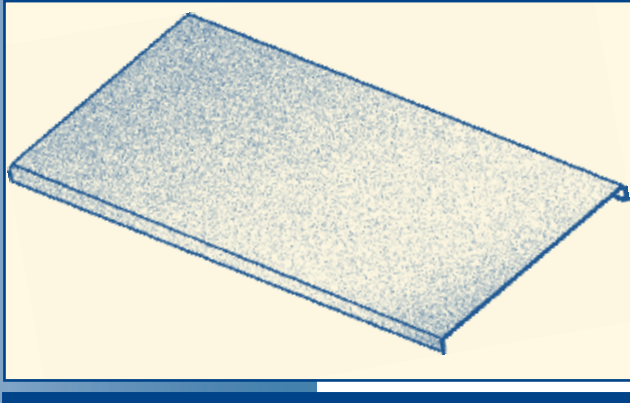
Width = width of tray minus 7 mm



Cable Tray Cover



**50 mm
Side height**



Covers Side Height Types

- Solid without flange
- Solid with flange
- Ventilated without flange
- Ventilated with flange

LCT Cable Tray Covers 2000/50

Thickness of sheet 1.0 mm

Width mm	Order No.
50	2000 0050 2
100	2000 0100 2
150	2000 0150 2
200	2000 0200 2
225	2000 0225 2

MCT Cable Tray Covers 2010/50

Thickness of sheet 1.25 mm

Width mm	Order No.
50	2010 0050 2
100	2010 0100 2
150	2010 0150 2
200	2010 0200 2
225	2010 0225 2
300	2010 0300 2
400	2010 0400 2
450	2010 0450 2

HCT Cable Tray Covers 2020/50

Thickness of sheet 1.5 mm

Width mm	Order No.
50	2020 0050 2
100	2020 0100 2
150	2020 0150 2
200	2020 0200 2
225	2020 0225 2
300	2020 0300 2
400	2020 0400 2
450	2020 0450 2
500	2020 0500 2
600	2020 0600 2
700	2020 0700 2

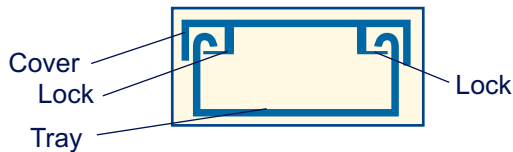
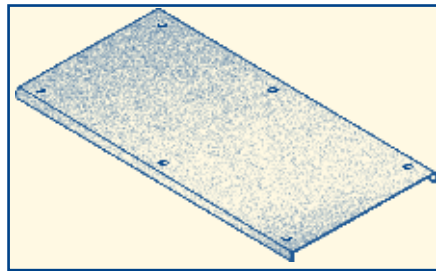
VCT Cable Tray Covers 2030/50

Thickness of sheet 2.0 mm

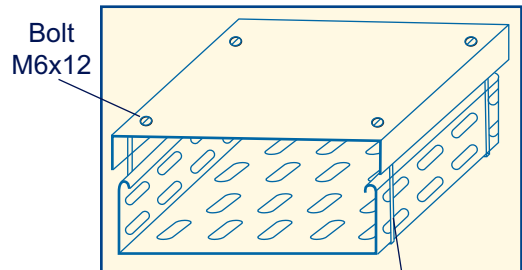
Width mm	Order No.
50	2030 0050 2
100	2030 0100 2
150	2030 0150 2
200	2030 0200 2
225	2030 0225 2
300	2030 0300 2
400	2030 0400 2
450	2030 0450 2
500	2030 0500 2
600	2030 0600 2
700	2030 0700 2
800	2030 0800 2
900	2030 0900 2
1000	2030 1000 2

Cable Tray Cover with Lock

Cable Tray Cover with lock 2200/50

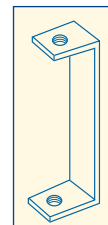


Cable Tray Cover with locking Clamp 2300/50



25 x 95 x 2mm

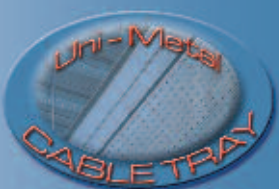
Locking Clamp 2500/50



Thickness: 2mm

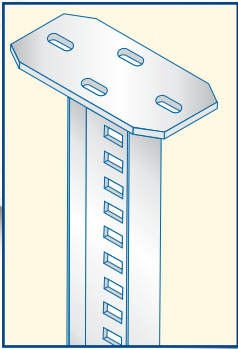
Covers

A full range of covers is available for all sections and fittings.



Cable Tray Supporting System

U- Support



Hole distance 75mm

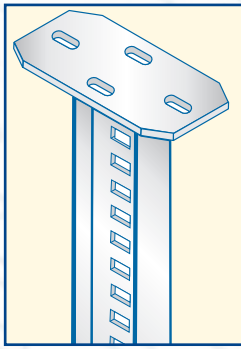
with welded-on head plate
200 x 100 x 5mm

U - Support 3000

Thickness: 5.0 mm

Length mm	Order No.
200	3000 0200 8
300	3000 0300 8
400	3000 0400 8
500	3000 0500 8
600	3000 0600 8
700	3000 0700 8
800	3000 0800 8
900	3000 0900 8
1000	3000 1000 8
1100	3000 1100 8
1200	3000 1200 8
1300	3000 1300 8
1400	3000 1400 8
1500	3000 1500 8
1600	3000 1600 8
1700	3000 1700 8
1800	3000 1800 8
1900	3000 1900 8
2000	3000 2000 8

I- Support



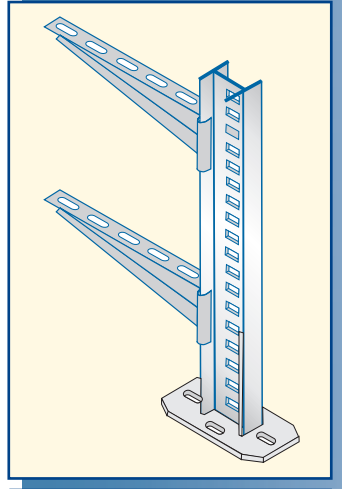
Hole distance 50mm

with welded-on head plate
200 x 100 x 5mm

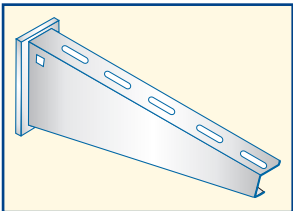
I - Support 3050

Thickness: 5.0 mm

Length mm	Order No.
200	3010 0200 8
300	3010 0300 8
400	3010 0400 8
500	3010 0500 8
600	3010 0600 8
700	3010 0700 8
800	3010 0800 8
900	3010 0900 8
1000	3010 1000 8
1100	3010 1100 8
1200	3010 1200 8
1300	3010 1300 8
1400	3010 1400 8
1500	3010 1500 8
1600	3010 1600 8
1700	3010 1700 8
1800	3010 1800 8
1900	3010 1900 8
2000	3010 2000 8



Wall Bracket



Wall Bracket 3100

Thickness: 5.0 mm

Length mm	Order No.
210	3100 0210 8
310	3100 0310 8
410	3100 0410 8
510	3100 0510 8
610	3100 0610 8
710	3100 0710 8
810	3100 0810 8
910	3100 0910 8
1010	3100 1010 8

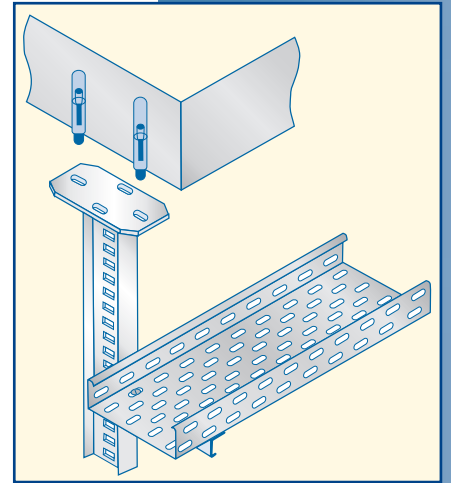
C-Channel



C - Channel 3150

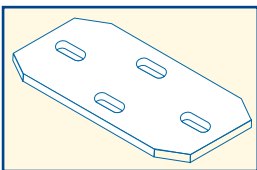
41 x 21 mm
41 x 41 mm

Thickness: 2.0 & 2.5 mm
Length: 3 m



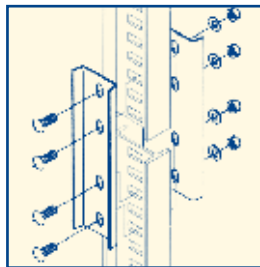
Support Accessories

Head Plate



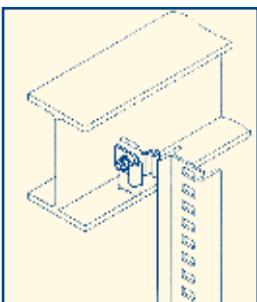
3300

Support Connectors



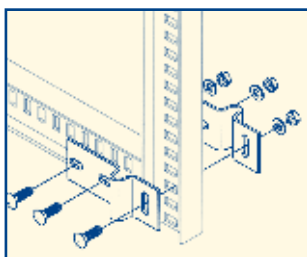
3350

Support Clamps



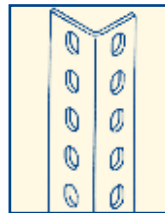
3500

Support Plates



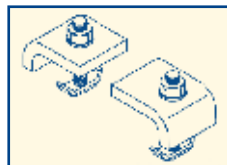
3550

Angles



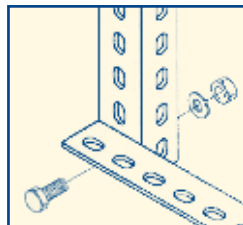
3400

Clamping Angles

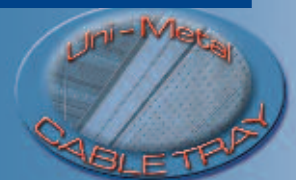
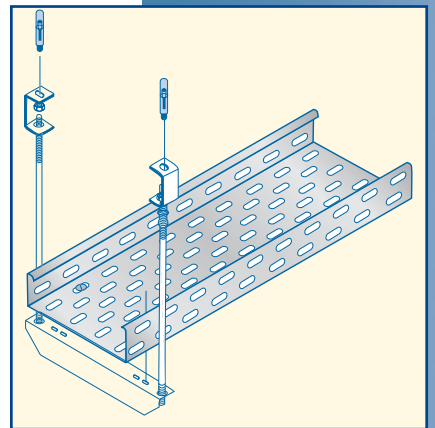


3450

Clamping Plates



3600



SIDE HEIGHT VARIETIES

Cable trays and accessories are available in the following side height types:

Straight end



Return flange inside



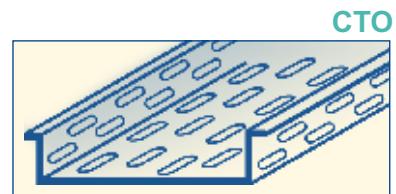
Return flange outside



C - Type inside



C - Type outside



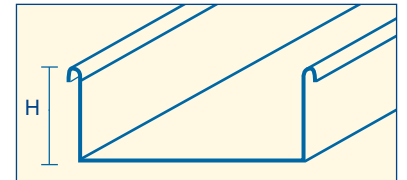
SIDE HEIGHTS

Cable trays are available in the following side heights:

- 13 mm
- 25 mm
- 50 mm
- 75 mm
- 100 mm

* Other side heights can be manufactured upon request.

- 13 mm side height is available only for cable trays with straight side heights, 1 mm thick and widths upto maximum 225 mm.



Abbreviations

Materials

- Stainless Steel
- Pre Galvanized
- Hot-dip Galvanized

Code:

- : SS
- : PG
- : HD

Code:

- Electrolytic Galvanized : EG
- Powder Coated : PC

Side Type

- Straight : STR
- Inside Return Flange : RFI
- Outside Return Flange : RFO
- C-Type Inside : CTI
- C-Type Outside : CTO

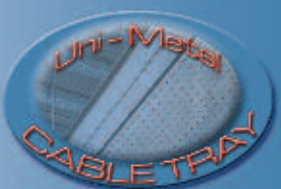
Code:

Thickness

- Sheet of 1.0 mm : 2
- Sheet of 1.25 mm : 3
- Sheet of 1.50 mm : 4
- Sheet of 2.0 mm : 5
- Sheet of 5.0 mm : 8

Code:

For more information on ordering and types, Unitech technical staff will be ready to assist you with all necessary details. <http://www.unitech-ikk.com>



Ordering Cable Trays & Accessories

Item & Order Number for Sections & Fittings

When ordering cable trays, the full order number shall include the material used: Width of the tray, side height, type of side and the length of the tray.

For instance:

T	PG	120	050	0600	4/	RFI	3000
tray	pre galvanized	item number	side height	width	thickness code	side type	length

Examples:

1- Order number for hot-dip galvanized 2,400 mm length cable tray, 50 mm side height, 2mm sheet thickness and 500 mm width with outside return flange:

Order number will be: **T HD 130 050 0500 5/RFO 2400**

2- Order number for pre galvanized 3,000 mm length cable tray, 50 mm side height, 1.25 mm sheet thickness and 300 mm width with inside return flange:

Order number will be: **T PG 110 050 0300 3/RFI 3000**

3- Order number for powder coated curved T-branch, 50 mm side height, 1.5 mm sheet thickness and 700 mm width with straight end:

Order number will be: **A PC 370 050 0700 4/STR**

N.B.: Order number for connectors will include the item number, side height, and thickness of sheet

General Information

Design Factors to Consider

Consideration should be given to the following factors when undertaking the design of a cable tray run and a support system, although some of these (ex: wind loads) may not be relevant to every installation.

- Distributed loads e.g. cables, pipes.
- Point loads
- Thermal expansion & contraction
- Wind & external forces
- Spacing of supports
- Safety factor
- Deflection

Location of Couplers

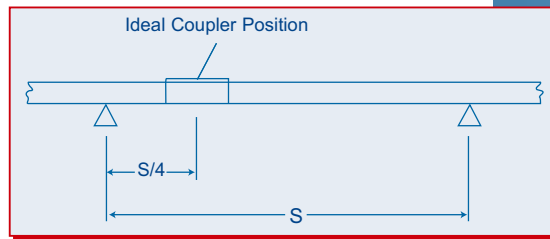
In practice it is often difficult to pre-determine where the couplers will be located within a straight run of cable tray.

However, it is well worth making some efforts to roughly plan their position during the early stages of installation.

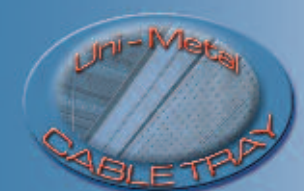
The worst positions of the couplers are either at mid-span or immediately over a point of support; at these locations they will suffer the greatest stress.

Both locations should be particularly avoided on the end of an installation. From a practical viewpoint it is also more difficult to assemble or fix down tray if the couplers are positioned immediately over the supports.

The best position of joints in a continuous installation is one quarter of the span distance on either side of each point of support.



HOW TO ORDER



Standards & Finishes

Basic Material

Mild steel classification ASTM A36 or BS 1449, part 1 or DIN EN 10111/10025/10029

All parts made of steel can be delivered depending on environment and according to the various requirements with different protection method against corrosion, such as:

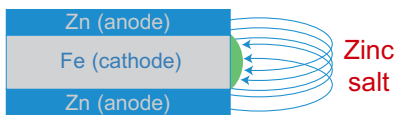
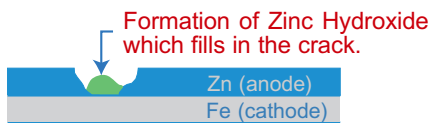
Austenitic Stainless steel sheets

AISI 304 similar to material no. 1.4301 or BS 1449: part 2/304S15 or EN 10088

Excellent protection against chemical stress, marine and industrial air. It has also longer useful duration than hot - or pre - or electrolytic galvanized steel.

Pre galvanized steel sheets (mill galvanization) according to ASTM A653M G 90 or BS 2989 Z275 zinc coating 275 g/m² (36μ) on both sides (Sendzimir process Z 275) or BS EN 10142 1991.

Parts can be used in dry atmosphere without influence of aggressive particles. The cut edge of these sheets with a thickness of approx. up to 1.5 mm are by experience sufficiently protected by the cathode protection against corrosion in almost dry atmosphere.



Hot-dip galvanized steel sheets

after fabrication according to ASTM A123 or BS729 or DIN 50976 or NFA91121/122 (coating thickness on each side $45 \div 50 \mu = 315 \div 350 \text{ g/m}^2$)

Appearance of the outer surface differs from bright shining to dark mat gray, which in all cases does not affect the zinc film / corrosion protection quality.

Post fabricated components are immersed in a

bath of molten zinc (450°C) after cleaning, pickling and rinsing. This relatively costly process is, however, necessary for installations in highly corrosive environments.

Parts galvanized like this not only have an extremely longer endurance compared to those made of mill-galvanized steel sheet - under the same atmospheric influences - but they are, also much better protected against low chemical stress, marine air or urban air.

As per standards the average local zinc film thickness shall be:

- 45 μ (315 g/m²) for sheets < 1mm
- 50 μ (350 g/m²) for sheets 1 to 3 mm

The average annual loss value of zinc coats under various atmospheric stresses are:

- Rural air 7 - 15 g/m² 0.8 - 1 μ/year
- Urban air 20 - 40 g/m² 3 - 7 μ/year
- Marine air 20 - 50 g/m² 3 - 8 μ/year
- Industrial air 40 - 80 g/m² 5 - 10 μ/year

“White rust”

Either under a heterogeneous film of water, or under permanent condensation, white rust appears on the surface of the steel sheets. It is a precipitation of basic salts of zinc Zn(OH)₂ that combines with CO₂ to form a protective layer called Zinc Hydroxycarbonate.

White rust has no negative influence on the duration of the zinc protection.

Electrolytic galvanized steel

ASTM B633, BS 1706, BS 3382, part 2, DIN EN 10152/10131

Immersion of clean steel parts in a zinc salt solution and applying an electric current. Coating varies from few microns to 15 μ (100 to 175 gr/m²).

Attractive appearance when new, as the zinc coating is bright and smooth. Does not provide adequate corrosion resistance and will rarely provide more than 12 months protection in most of the coastal population centers.

Epoxy or Polyester coatings.

Adhesion to ASTM D3359-83 on galvanized steel sheets.

Application: Exterior → Polyester,
Interior → Epoxy.

Offer good resistance to abrasions and blows, excellent durability and require little maintenance. Specify the RAL reference for the color.

FINISHES

RAL colors for Epoxy coating

RAL 1013

BEIGE

RAL 1003

YELLOW

RAL 3020

RED

RAL 8014

BROWN

RAL 9003

WHITE

RAL 7004

GREY

RAL 5015

BLUE

RAL 6005

GREEN

