



DAHAB
عالم

Dahab for Industrial Metals



Easy Mounting

Variety Of
Designs

Light weight
High Strength

Cable Tray Systems

Cabel Tray Material

As per the national electrical code , a cable tray system is " assembly of units or sections and associated fitting forming a rigid structural system used to securely fasten or support cables and raceways."

Dahab metal offers a complete line of fittings, covers, accessories, the support items for the cable tray to aid in installation and routing .

Cable tray has been manufactured in accordance with Nema and BS 5750/BSEN 10130/BSEN 10131/ BSEN 10051 Standards.

Pre – Galvanized Steel

All sides and rungs be of steel conforming to the required of ASTM A653/A653M-06a with G90 Coating thickness .

Properties : economical , offering good corrosion resistance , and providing shielding from magnetic fields in an enclosed solid bottom system with Cover .

Hot Dip Galvanized Steel

All side rails and rungs shall be made from steel conforming to the requirements of A1008/A1008M-07 , SS grade 33 , type 2 or A1011 / A1011-06bSS , Grade 33 and shall be hot dip galvanized a minimum thickness of 1.50 OZ per Ft.2

Properties : Offers Its Indicated features , plus it is well suited to paining .

Stainless Steel

All cable tray and accessories shall be of type AISI 304 & 316 Stainless steel .

Properties : idea for corrosive areas , However , because of its non – magnetic feature , it will not provide shielding for sensitive instrument and control or data cables.

Aluminum

All side rails , and rungs shall be of extruded aluminum type 6063-t6.

Properties : light weight , maintenance free and non – magnetic . electrical losses are kept to a minimum with this material , but it does not provide shielding for cable from magnetic fields

Code	Width
CTST 2	50 mm
CTST 4	100 mm
CTST 6	150 mm
CTST 8	200 mm
CTST 12	300 mm
CTST 18	450 mm
CTST 24	600 mm
CTST 27.5	700 mm
CTST 31.5	800 mm
CTST 39	1000 mm

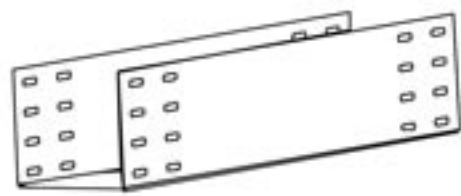


Side Height
25 mm
50 mm
75 mm
100mm

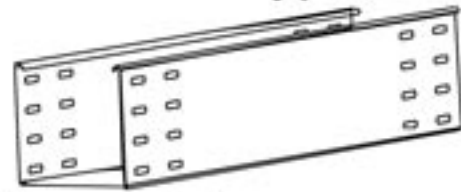
Plate thickness
0.1 mm
1.5 mm
2.0 mm

*Return Flang Inside

Cable trays types



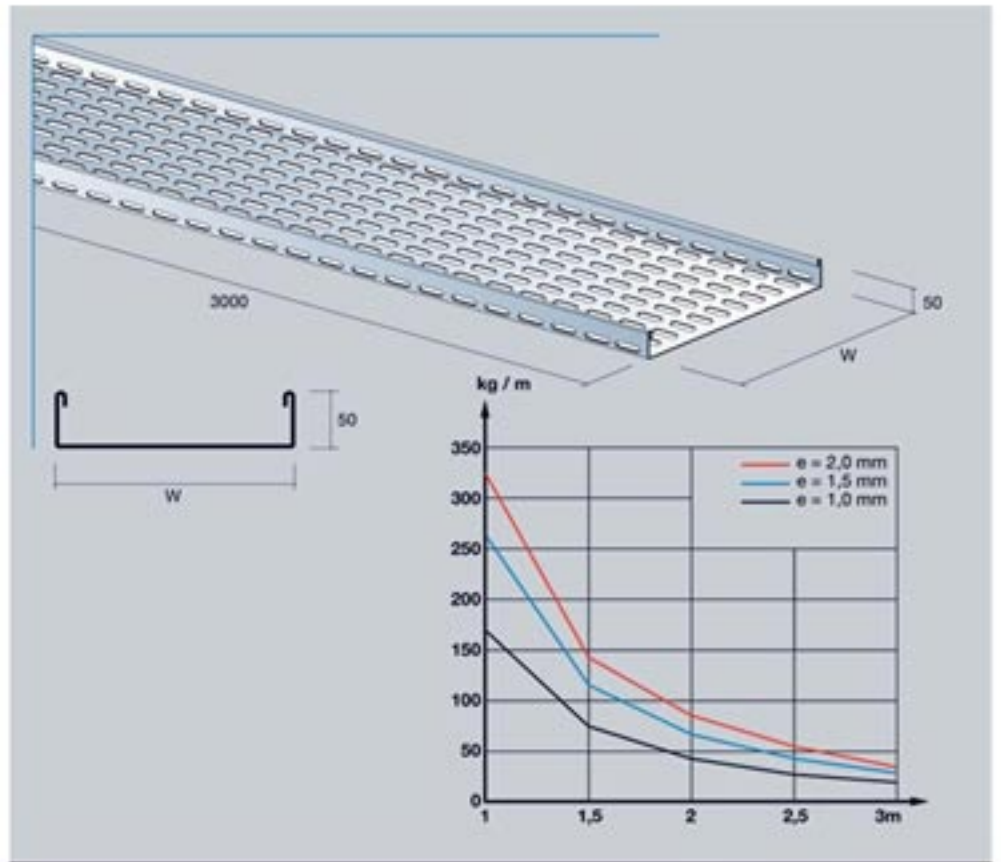
Standard Type



Flanged type

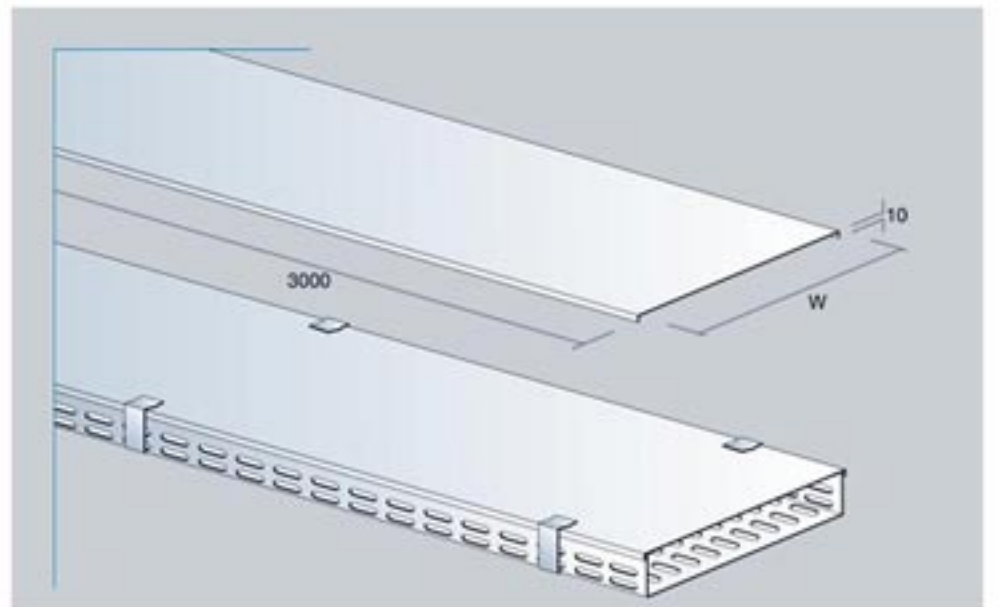


Snap on Type



Covers

Used over trays and elbows to prevent the cables from dust, water and ultraviolet light. Raised and ventilated type of covers are also available for providing required ventilation at relatively hot mediums.



Thickness of sheet 1.0 mm , 1.25 mm ,1.50mm, 2.0 mm

Accessories



Connectors: Many Type Of Connectors Can Be Supplied According To The Customer Application:
Straight Connector.

Angle Connector.

Vertical Adjustable Connector.

Reducing Connector.

End Plate.

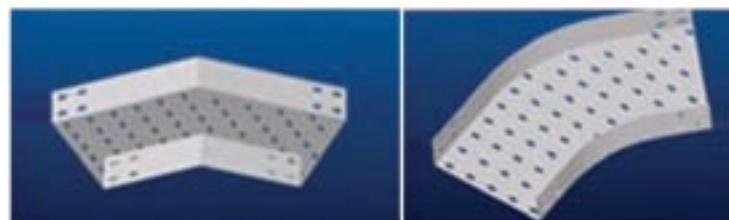
Fish Plate.

Cable Drop Out.

Cable Support Systems Fittings

Horizontal bend 45

Width	Codes
50 mm	CT45HB 2
100 mm	CT45HB 4
150 mm	CT45HB 6
200 mm	CT45HB 8
300 mm	CT45HB 12
450 mm	CT45HB 18
600 mm	CT45HB 24
700 mm	CT45HB 27.5
800 mm	CT45HB 31.5
1000 mm	CT45HB 39



Cornered Curved

Horizontal bend 90

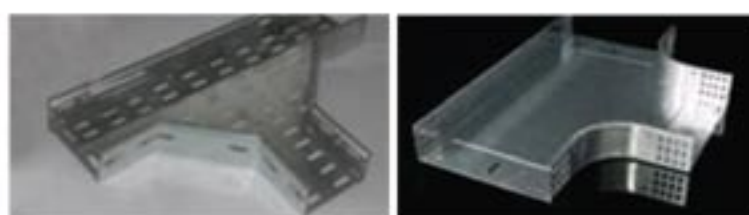
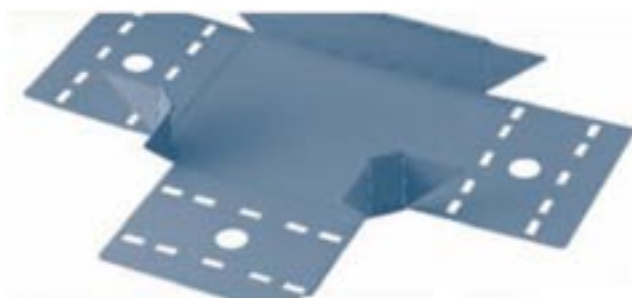
Width	Codes
50 mm	CT90HB 2
100 mm	CT905HB 4
150 mm	CT90HB 6
200 mm	CT90HB 8
300 mm	CT90HB 12
450 mm	CT90HB 18
600 mm	CT90HB 24
700 mm	CT90HB 27.5
800 mm	CT90HB 31.5
1000 mm	CT90HB 39



Cornered Curved

Horizontal TEE 90

Width	Codes
50 mm	CTT 2
100 mm	CTT 4
150 mm	CTT 6
200 mm	CTT 8
300 mm	CTT 12
450 mm	CTT 18
600 mm	CTT 24
700 mm	CTT 27.5
800 mm	CTT 31.5
1000 mm	CTT 39

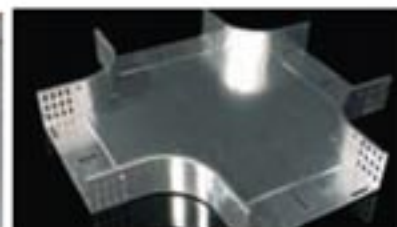


Cornered Curved

Standard Fittings

CROSS 90

Width	Codes
50 mm	CTX 2
100 mm	CTX 4
150 mm	CTX 6
200 mm	CTX 8
300 mm	CTX 12
450 mm	CTX 18
600 mm	CTX 24
700 mm	CTX 27.5
800 mm	CTX 31.5
1000 mm	CTX 39



Cornered Curved

VERTICAL 90 – OUTSIDE RISER CURVE

Width	Codes
50 mm	CTVO 2
100 mm	CTVO 4
150 mm	CTVO 6
200 mm	CTVO 8
300 mm	CTVO 12
450 mm	CTVO 18
600 mm	CTVO 24
700 mm	CTVO 27.5
800 mm	CTVO 31.5
1000 mm	CTVO 39



Outside riser Curve

VERTICAL 90 – INSIDE RISER CURVE

Width	Codes
50 mm	CTV 2
100 mm	CTV 4
150 mm	CTV 6
200 mm	CTV 8
300 mm	CTV 12
450 mm	CTV 18
600 mm	CTV 24
700 mm	CTV 27.5
800 mm	CTV 31.5
1000 mm	CTV 39

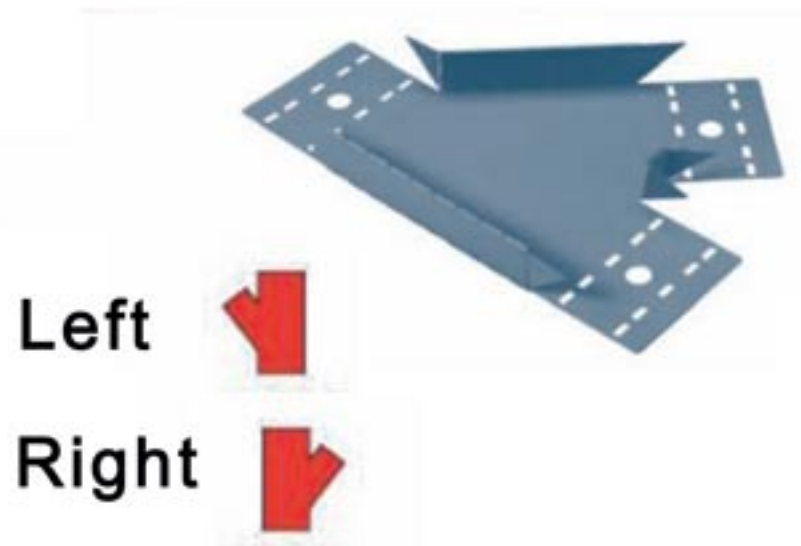


Inside Riser Cornerd

Standard Fittings

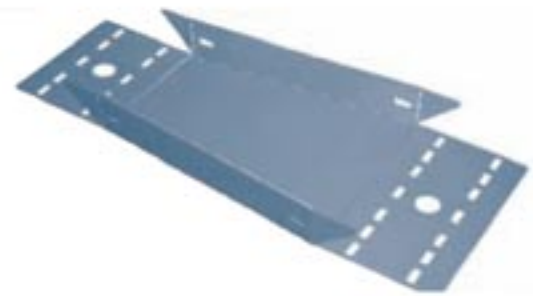
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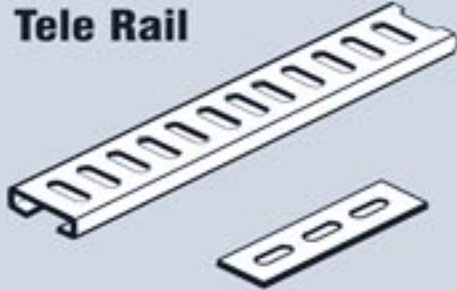
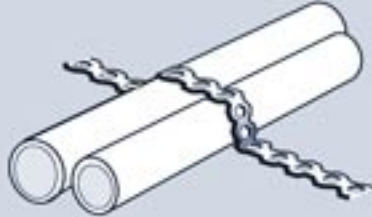
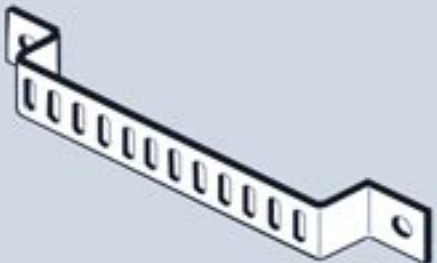
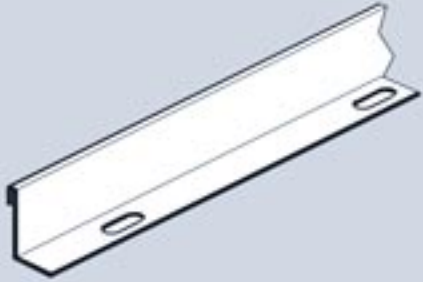
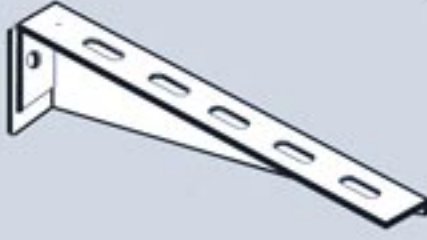
Width	Right Deviation	Left Deviation
	Codes	Codes
50 mm	CTRD 2	CTLD 2
100 mm	CTRD 4	CTLD 4
150 mm	CTRD 6	CTLD 6
200 mm	CTRD 8	CTLD 8
300 mm	CTRD 12	CTLD 12
450 mm	CTRD 18	CTLD 18
600 mm	CTRD 24	CTLD 24
700 mm	CTRD 27.5	CTRD 27.5
800 mm	CTED 31.5	CTLD 31.5
1000 mm	CTRD 39	CTLD 39



REDUCTION FITTING CENTRAL

Width	Codes
100 mm TO 50 mm	CTRFC 4/2
150 mm TO 100mm	CTRFC 6/4
150 mm TO 100 mm	CTRFC 8/6
200 mm TO 150 mm	CTRFC 12/8
300 mm TO 200 mm	CTRFC 18/12
600 mm TO 450 mm	CTRFC 24/18



<p>Tele Rail</p>  <p>Connection Plate</p>	<p>Perforated Strip</p> 	<p>Wall Support</p> 
<p>Straight Barrier</p> 	<p>Single Bracket</p> 	<p>Screw and Grooved Nut</p> 