



PLANT STANDARD HYDERABAD

HY7433663

Rev. No. 01

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GI LADDER TYPE (CHANNEL) CABLE TRAYS AND ACCESSORIES (TYPE-2)

1. This standard shall be read in conjunction with BHEL plant standard no. HY7433661, GI cable trays and accessories.

This standard covers the constructional, dimensional and sectional details of various types of GI ladder type (Channel) cable trays and accessories (Type-2) and same are given in the following pages.

Revisions:
Document is revised generally.

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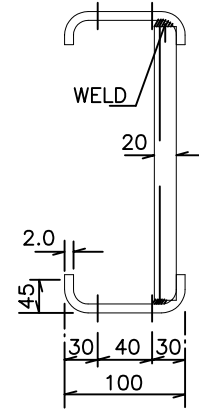
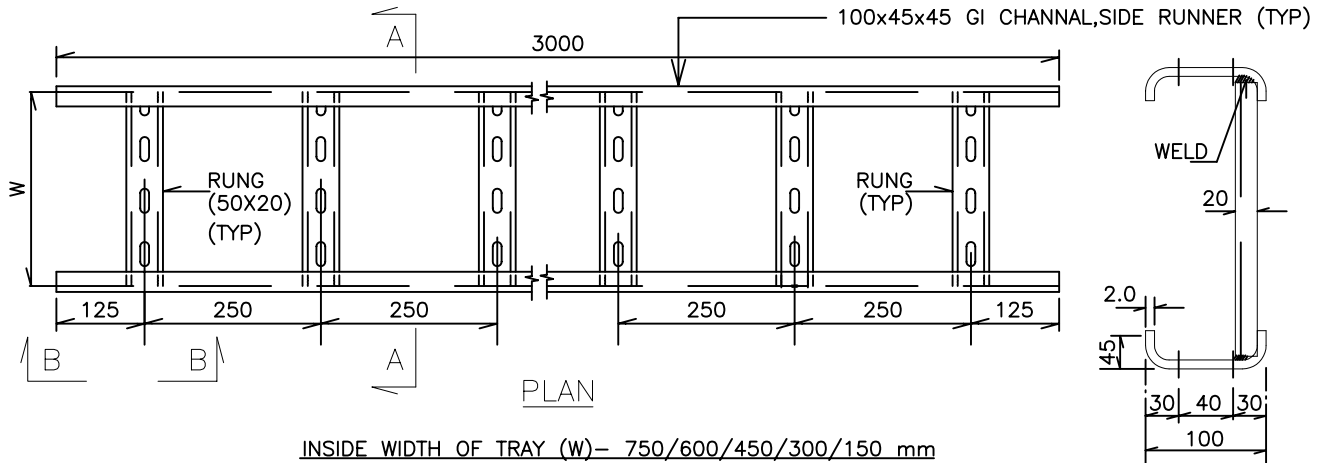
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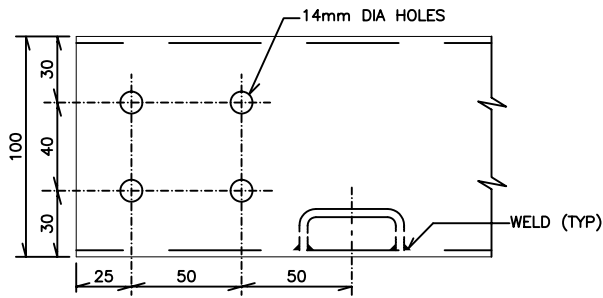
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LADDER TYPE STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES -TYPE 2 (CHANNEL TYPE)

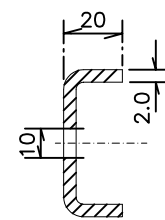
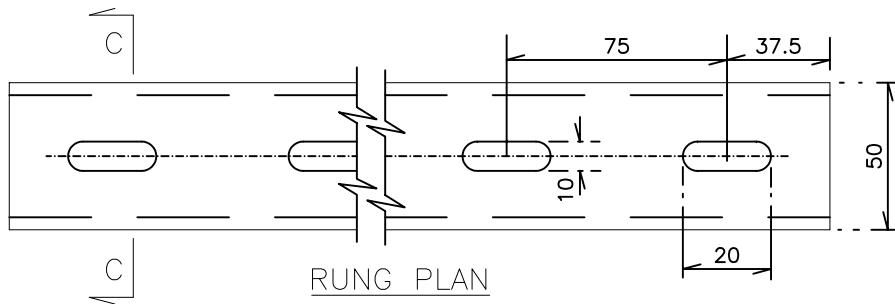


SECTION A-A



SECTION 'B-B'

H=100mm for 300/450/600/750mm width Tray
H=50mm for 150mm width Tray



SECTION 'C-C'

NOTES:

1. LADDER TYPE (CHANNEL TYPE) STRAIGHT RUN CABLE TRAY TYPE-2 INCLUDES SUPPLY OF 2 Sets OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS. DETAILS OF THE SAME IS ATTACHED IN SHEET NO. 4 OF 20
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. MATERIAL CODES FOR VARIOUS LADDER TYPE(CHANNEL TYPE) STRAIGHT RUN CABLE TRAY TYPE2 ARE GIVEN IN THE FOLLOWING PAGE.
4. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
5. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS.



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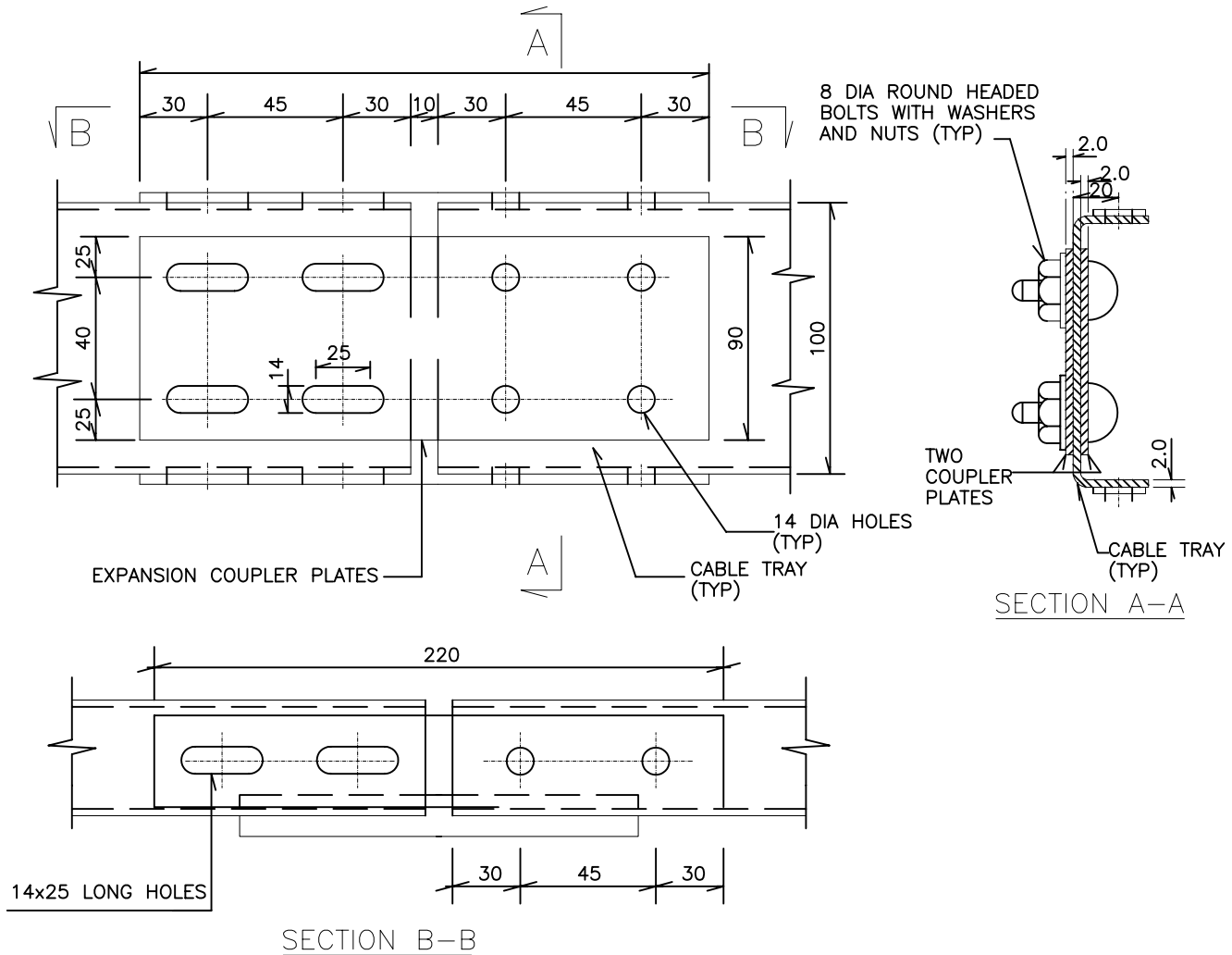
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MATERIAL CODES FOR LADDER TYPE STRAIGHT RUN CABLE TRAY
ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES –TYPE 2 (CHANNEL TYPE)

VAR NO	DESCRIPTION	MATERIAL CODE
01	750 mm WIDTH LADDER TYPE (CHANNEL TYPE) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES –TYPE 2	HY7433663010
02	600 mm WIDTH LADDER TYPE (CHANNEL TYPE) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES –TYPE 2	HY7433663029
03	450 mm WIDTH LADDER TYPE (CHANNEL TYPE) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES –TYPE 2	HY7433663037
04	300 mm WIDTH LADDER TYPE (CHANNEL TYPE) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES –TYPE 2	HY7433663045
05	150 mm WIDTH LADDER TYPE (CHANNEL TYPE) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES –TYPE 2	HY7433663053

TYPICAL ARRANGEMENT OF COUPLER PLATE SET WITH ACCESSORIES
INCLUDING FIXING DETAILS FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2



NOTES

1. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
2. MATERIAL – Min 2 mm thick M.S SHEET FOR 750/600/450/300/150 mm CABLE TRAYS.
3. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
4. TWO COUPLER PLATES TO BE PROVIDED ONE EACH ON EITHER SIDE OF TRAY.
5. ONE SET OF COUPLER PLATE WITH ACCESSORIES SHALL CONSISTS 2No. OF COUPLER PLATES 8No. OF NUTS, BOLTS AND WASHERS AS SHOWN IN THE DRAWING.
6. MATERIAL CODES FOR LOOSE SUPPLY OF COUPLER PLATE WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.



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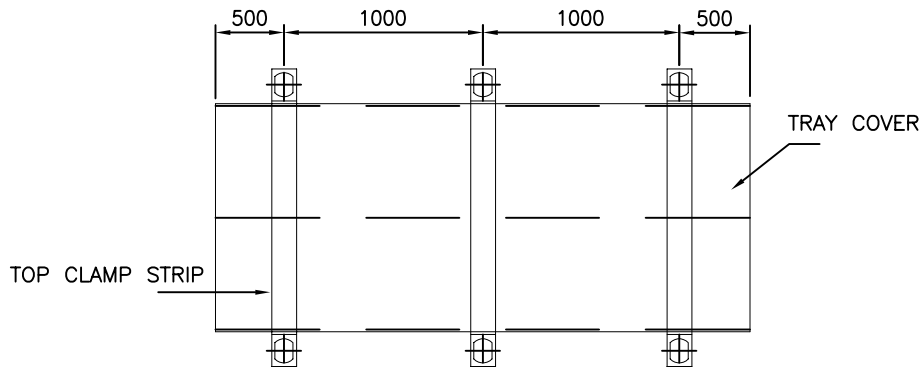
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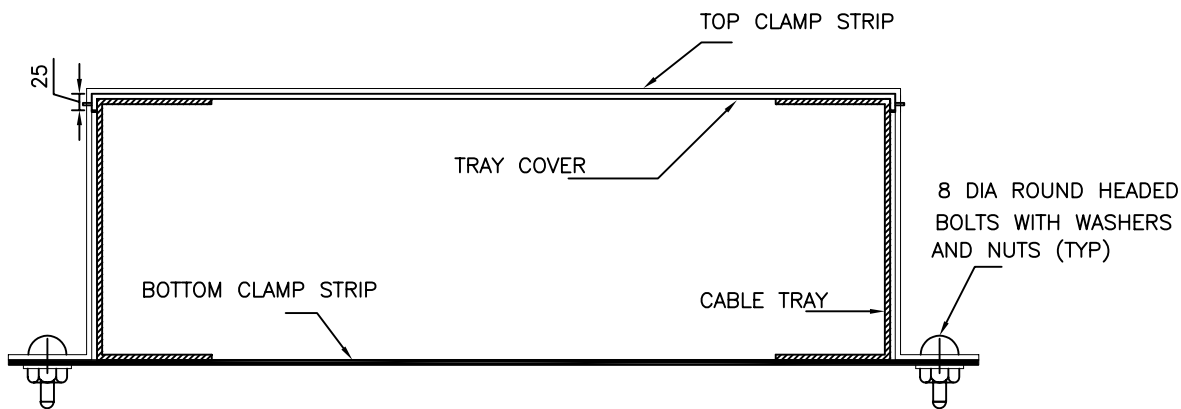
MATERIAL CODES FOR COUPLER PLATE SETS INCLUDING ACCESSORIES FOR
LADDER TYPE(CHANNEL TYPE) CABLE TRAYS –TYPE2 (IN CASE OF LOOSE SUPPLY)

VAR NO	DESCRIPTION	MATERIAL CODE
06	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 750 mm LADDER TYPE (CHANNEL TYPE) CABLE TRAY– TYPE2	HY7433663061
07	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 600 mm LADDER TYPE (CHANNEL TYPE) CABLE TRAY– TYPE2	HY7433663070
08	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 450 mm LADDER TYPE (CHANNEL TYPE) CABLE TRAY– TYPE2	HY7433663088
09	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 300 mm LADDER TYPE (CHANNEL TYPE) CABLE TRAY– TYPE2	HY7433663096
10	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 150 mm LADDER TYPE (CHANNEL TYPE) CABLE TRAY– TYPE2	HY7433663100

TYPICAL ARRANGEMENT SHOWING DETAILS OF CABLE TRAYE COVER
WITH ACCESSORIES FOR LADDER TYPE(CHANNEL TYPE) CABLE TRAYS–TYPE2



CABLE TRAY COVER WITH ACCESSORIES–PLAN



CABLE TRAY COVER WITH ACCESSORIES–ELEVATION

NOTES

1. CABLE TRAY COVER SHALL INCLUDE 1 No OF TRAY COVER OF 2500 mm LENGTH ALONG WITH 3Nos OF TOP CLAMP STRIP, 3Nos OF BOTTOM CLAMP STRIP AND 6Nos OF BOLTS ALONG WITH NUTS AND WASHERS.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. ALL THE ACCESSORIES EXCEPT NUTS AND BOLTS SHALL BE FABRICATED FROM 2mm THICK GI SHEET STEEL.
4. MATERIAL CODES FOR CABLE TRAY COVERS WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.
5. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
6. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS.



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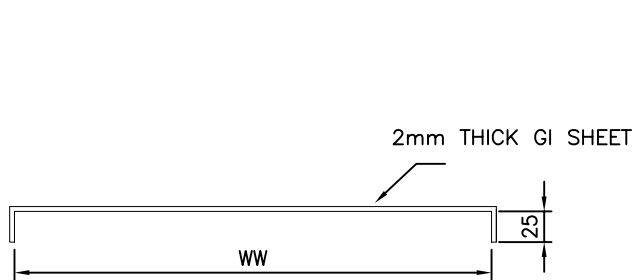
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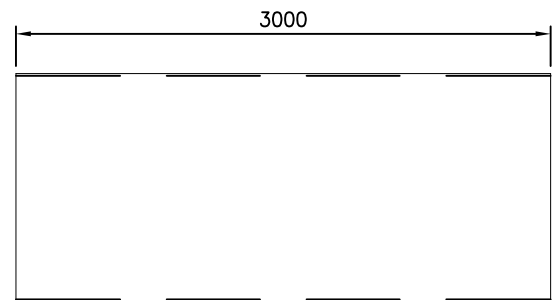
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TYPICAL ARRANGEMENT FOR CABLE TRAY COVER AND ACCESSORIES

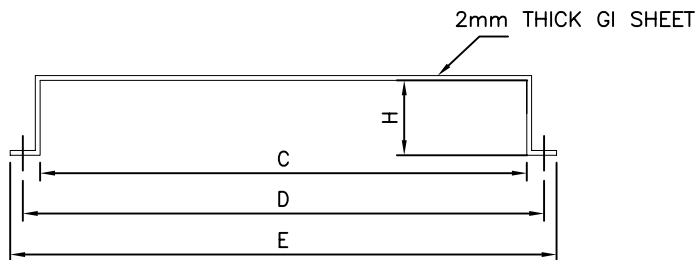
FOR LADDER TYPE CABLE TRAYS-TYPE 2 (CHANNEL TYPE)



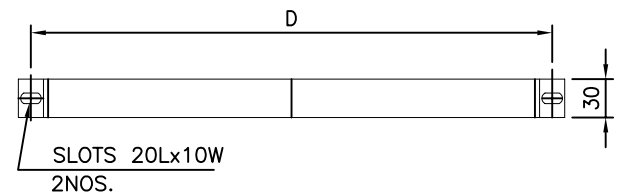
CABLE TRAY COVER-ELEVATION



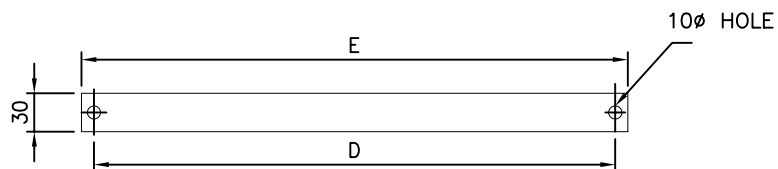
CABLE TRAY COVER-PLAN



TOP CLAMP STRIP-ELEVATION



TOP CLAMP STRIP-PLAN



BOTTOM CLAMP STRIP-ELEVATION

DESCRIPTION	WW	C	D	E	H
COVER FOR 750mm TRAY	756	760	794	824	100
COVER FOR 600mm TRAY	606	610	644	674	100
COVER FOR 450mm TRAY	456	460	494	524	100
COVER FOR 300mm TRAY	306	310	344	374	100
COVER FOR 150mm TRAY	156	160	194	224	50

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MATERIAL CODES FOR TRAY COVERS ALONG WITH ACCESSORIES

FOR LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
11	COVER ALONG WITH ACCESSORIES FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663118
12	COVER ALONG WITH ACCESSORIES FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663126
13	COVER ALONG WITH ACCESSORIES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663134
14	COVER ALONG WITH ACCESSORIES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663142
15	COVER ALONG WITH ACCESSORIES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663150



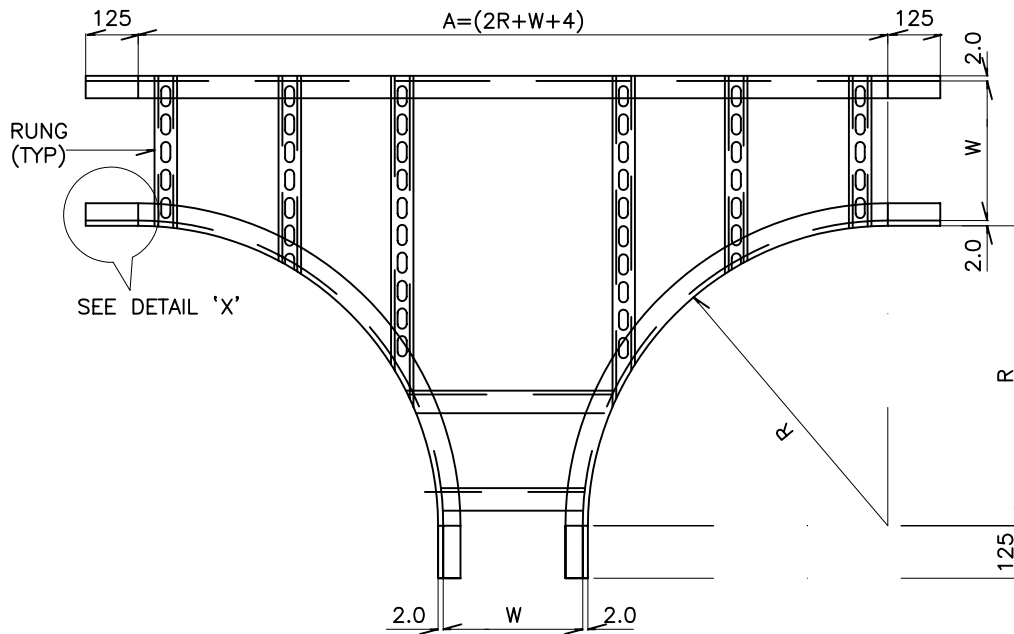
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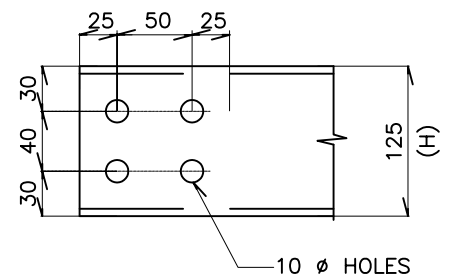
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TYPICAL ARRANGEMENT SHOWING DETAILS OF HORIZONTAL TEE FOR LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE2



DIMENSIONAL DETAILS:

WIDTH OF TRAY (W)	DEPTH OF TRAY (H)	A=(2R+W+4)				
		R=450	R=600	R=900	R=1250	R=1500
150	100	1054	1354	NA	NA	NA
300	100	NA	1504	2104	NA	NA
450	100	NA	1654	2254	NA	NA
600	100	NA	NA	2404	3104	3604
750	100	NA	NA	2554	3254	3754



DETAIL-X

NOTES

- LADDER TYPE (CHANNEL TYPE) HORIZONTAL "TEE" CABLE TRAY TYPE2 SHALL INCLUDE 4 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
- ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
- MATERIAL CODES FOR HORIZONTAL TEE WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.
- IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
- THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS.

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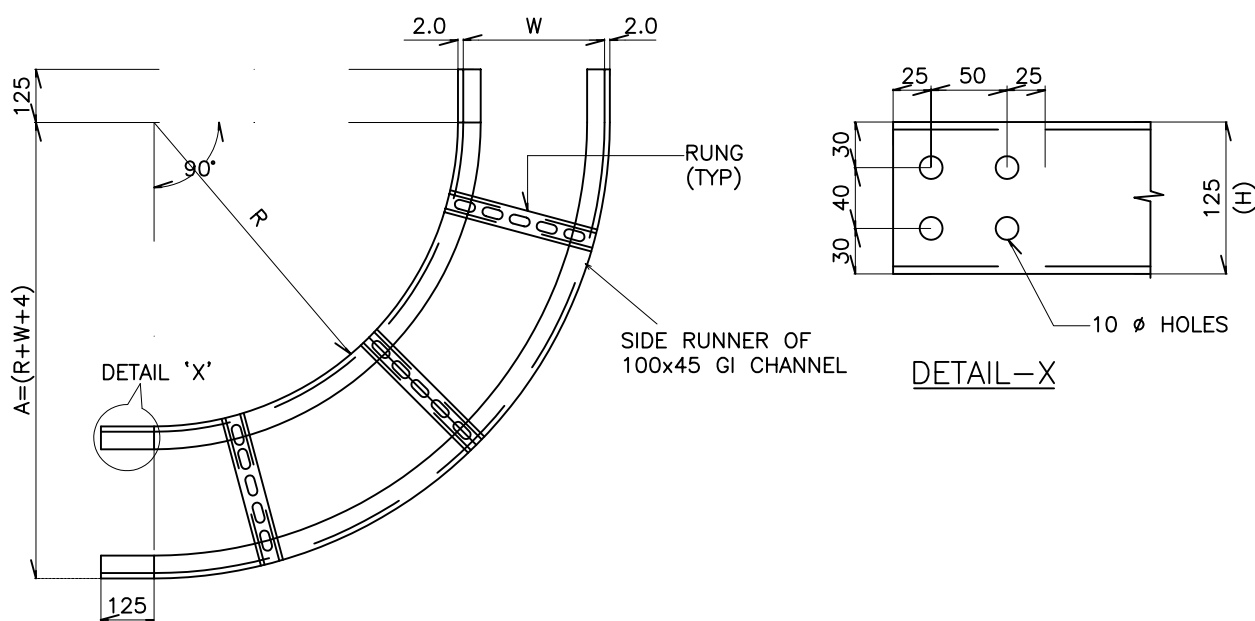
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MATERIAL CODES FOR HORIZONTAL 'TEE' ALONG WITH ACCESSORIES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
16	HORIZONTAL 'TEE' OF 450 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663169
17	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663177
18	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663185
19	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663193
20	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE(CHANNEL TYPE)CABLE TRAY-TYPE2	HY7433663207
21	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663215
22	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663223
23	HORIZONTAL 'TEE' OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663231
24	HORIZONTAL 'TEE' OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663240
25	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663258
26	HORIZONTAL 'TEE' OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663266
27	HORIZONTAL 'TEE' OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE(CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663274

TYPICAL ARRANGEMENT FOR HORIZONTAL ELBOW 90°
FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2



DIMENSIONAL DETAILS:

WIDTH OF TRAY (W)	DEPTH OF TRAY (H)	A=(R+W+4)				
		R=450	R=600	R=900	R=1250	R=1500
150	100	604	754	NA	NA	NA
300	100	NA	904	1204	NA	NA
450	100	NA	1054	1354	NA	NA
600	100	NA	NA	1504	1854	2104
750	100	NA	NA	1654	2004	2254

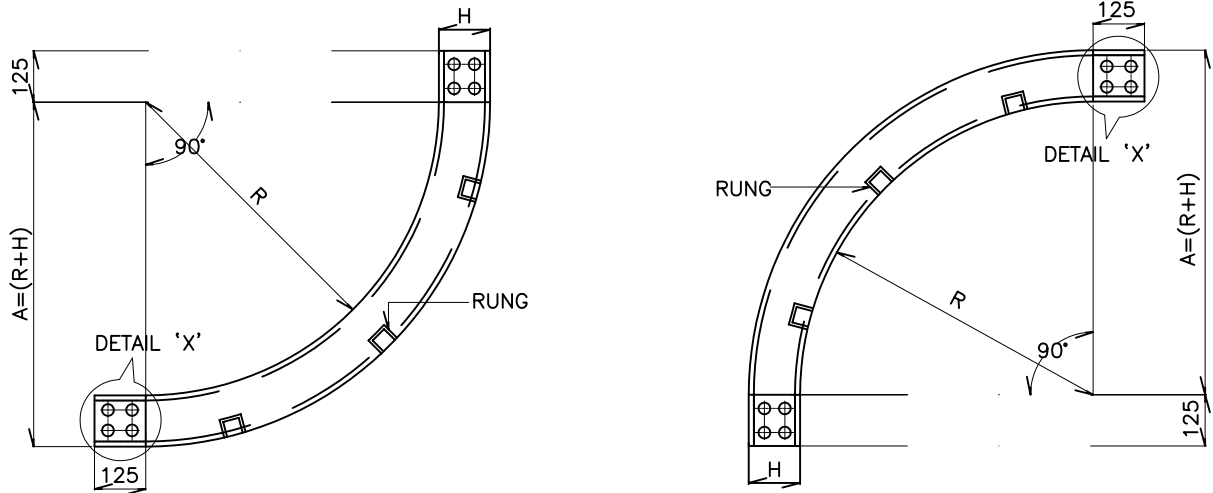
NOTES

1. LADDER TYPE (CHANNEL TYPE) HORIZONTAL 90° BEND CABLE TRAY TYPE2 INCLUDES SUPPLY OF 2 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. MATERIAL CODES FOR HORIZONTAL ELBOW 90° WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.
4. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
5. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS.

MATERIAL CODES FOR 90° HORIZONTAL BEND ALONG WITH ACCESSORIES
FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
28	HORIZONTAL BEND OF 450 mm BENDING RADIUS ALONG COUPLER PLATE FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663282
29	HORIZONTAL BEND OF 600 mm BENDING RADIUS ALONG COUPLER PLATE FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663290
30	HORIZONTAL BEND OF 600 mm BENDING RADIUS ALONG COUPLER PLATE FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663304
31	HORIZONTAL BEND OF 900 mm BENDING RADIUS ALONG COUPLER PLATE FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663312
32	HORIZONTAL BEND OF 600 mm BENDING RADIUS ALONG COUPLER PLATE FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663320
33	HORIZONTAL BEND OF 900 mm BENDING RADIUS ALONG COUPLER PLATE FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663339
34	HORIZONTAL BEND OF 900 mm BENDING RADIUS ALONG COUPLER PLATE FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663347
35	HORIZONTAL BEND OF 1250 mm BENDING RADIUS ALONG COUPLER PLATE FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663355
36	HORIZONTAL BEND OF 1500 mm BENDING RADIUS ALONG COUPLER PLATE FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663363
37	HORIZONTAL BEND OF 900 mm BENDING RADIUS ALONG COUPLER PLATE FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663371
38	HORIZONTAL BEND OF 1250 mm BENDING RADIUS ALONG COUPLER PLATE FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663380
39	HORIZONTAL BEND OF 1500 mm BENDING RADIUS ALONG COUPLER PLATE FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663398

TYPICAL ARRANGEMENT FOR VERTICAL ELBOW 90° UP & DOWN
FOR LADDER CABLE (CHANNEL TYPE) TRAYS–TYPE2



VERTICAL ELBOW 90° UP / DOWN

DIMENSIONAL DETAILS:

WIDTH OF TRAY (W)	DEPTH OF TRAY (H)	A=(R+H)				
		R=450	R=600	R=900	R=1250	R=1500
150	100	550	700	NA	NA	NA
300	100	NA	700	1000	NA	NA
450	100	NA	700	1000	NA	NA
600	100	NA	NA	1000	1350	1600
750	100	NA	NA	1000	1350	1600

NOTES

1. LADDER TYPE (CHANNEL TYPE) VERTICAL ELBOW UP/DOWN CABLE TRAY TYPE2 INCLUDES SUPPLY OF 2 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. MATERIAL CODES FOR HORIZONTAL ELBOW 90° WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.
4. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
5. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS.

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MATERIAL CODES FOR 90° VERTICAL UP/DOWN ALONG WITH ACCESSORIES FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
40	VERTICAL UP OF 450 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663401
41	VERTICAL DOWN OF 450 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663410
42	VERTICAL UP OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663428
43	VERTICAL DOWN OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663436
44	VERTICAL UP OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY–TYPE2	HY7433663444
45	VERTICAL DOWN OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663452
46	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663460
47	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663479
48	VERTICAL UP OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663487
49	VERTICAL DOWN OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663495
50	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663509
51	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE)CABLE TRAY–TYPE2	HY7433663517



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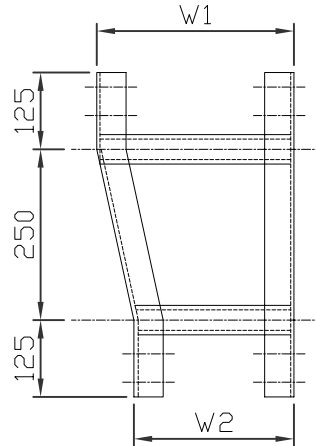
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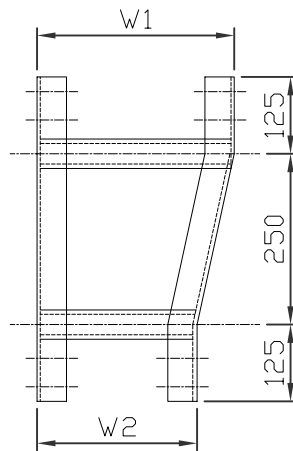
MATERIAL CODES FOR 90° VERTICAL UP/DOWN ALONG WITH ACCESSORIES
FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
52	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 600 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663525
53	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 600 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663533
54	VERTICAL UP OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 600 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663541
55	VERTICAL DOWN OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 600 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663550
56	VERTICAL UP OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 600 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663568
57	VERTICAL DOWN OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 600 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663576
58	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 750 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663584
59	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 750 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663592
60	VERTICAL UP OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 750 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663606
61	VERTICAL DOWN OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 750 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663614
62	VERTICAL UP OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 750 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663622
63	VERTICAL DOWN OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES PLATES FOR 750 mm WIDTH LADDER TYPE CABLE TRAY–TYPE2	HY7433663630

TYPICAL ARRANGEMENT FOR CABLE TRAY REDUCERS ALONG WITH
DETAILS OF COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE2



RIGHT HAND REDUCER



LEFT HAND REDUCER

NOTES

- REDUCER FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAY TYPE2, INCLUDES SUPPLY OF 1 SET OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
- ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
- MATERIAL CODES FOR REDUCERS WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL TYPE) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.
- IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
- THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS.



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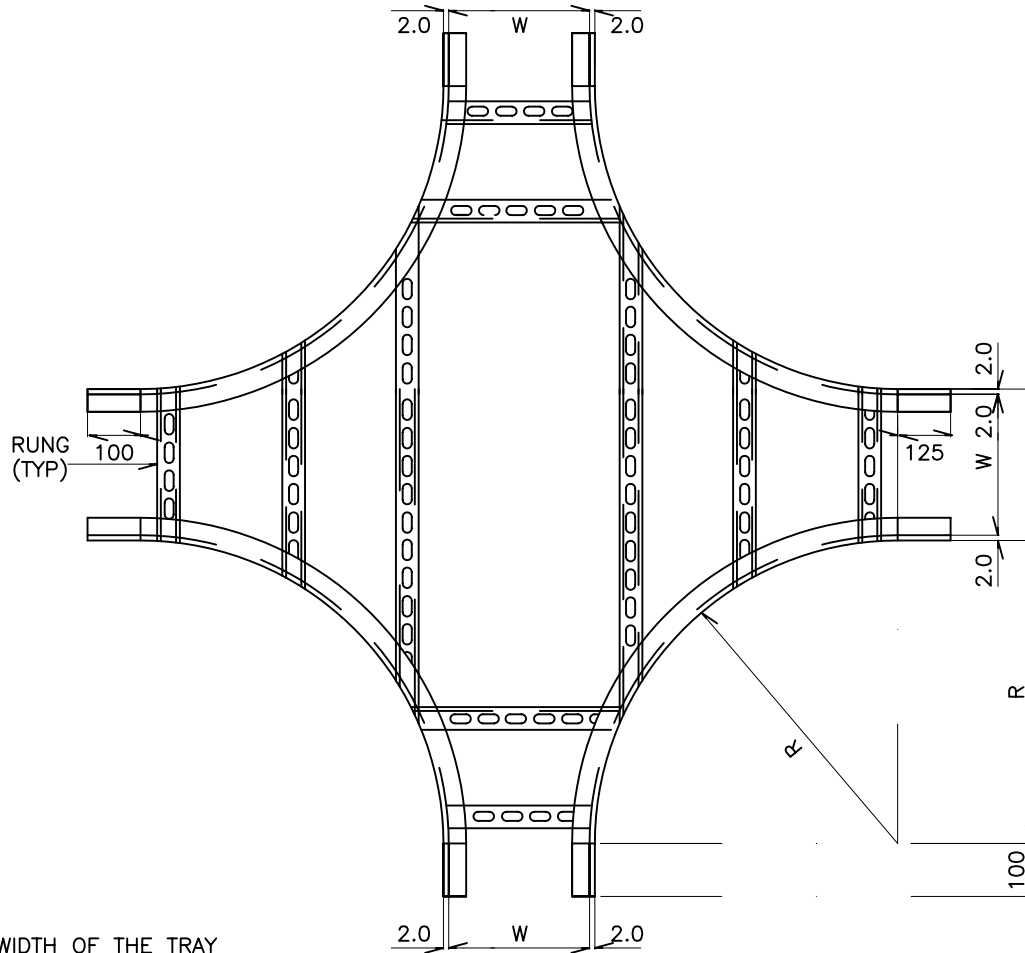
MATERIAL CODES FOR CABLE TRAY REDUCERS ALONG WITH ACCESSORIES &
COUPLER PLATES FOR LADDER CABLE (CHANNEL TYPE) TRAYS-TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
64	750 mm TO 600MM RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS-TYPE2.	HY7433663649
65	750 mm TO 600 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS-TYPE2.	HY7433663657
66	750 mm TO 450 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS-TYPE2.	HY7433663665
67	750 mm TO 450 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS-TYPE2.	HY7433663673
68	750 mm TO 300 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE) CABLE TRAYS-TYPE2.	HY7433663681
69	750 mm TO 300 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663690
70	600 mm TO 450 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663703
71	600 mm TO 450 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663711
72	600 mm TO 300 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663720
73	600 mm TO 300 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663738
74	600 mm TO 150 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663746
75	600 mm TO 150 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663754
76	450 mm TO 300 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663762
77	450 mm TO 300 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663770
78	450MM TO 150MM RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663789
79	450MM TO 150MM LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663797
80	300MM TO 150MM RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663800
81	300MM TO 150MM LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL TYPE)CABLE TRAYS-TYPE2.	HY7433663819

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TYPICAL ARRANGEMENT FOR CROSS CABLE ALONG WITH ACCESSORIES AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE2



W–INSIDE WIDTH OF THE TRAY

R–BENDING RADIUS OF THE TRAY

NOTES

1. CROSS FOR LADDER TYPE (CHANNEL) CABLE TRAY TYPE 2, SHALL INCLUDE 4 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE NUTS, BOLTS AND WASHERS, AS SHOWN IN THE DRAWING.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. MATERIAL CODES FOR REDUCERS WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE2, ARE GIVEN IN THE FOLLOWING PAGE.
4. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
5. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL CROSS FOR LADDER TYPE (CHANNEL)–TYPE2 CABLE TRAYS.



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MATERIAL CODES FOR CROSS CABLE ALONG WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE2

VAR NO	DESCRIPTION	MATERIAL CODE
82	HORIZONTAL CROSS OF 450 mm BENDING RADIUS ALONG COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663827
83	HORIZONTAL CROSS OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663835
84	HORIZONTAL CROSS OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663843
85	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663851
86	HORIZONTAL CROSS OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663860
87	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663878
88	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663886
89	HORIZONTAL CROSS OF 1250 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663894
90	HORIZONTAL CROSS OF 1500 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663908
91	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663916
92	HORIZONTAL CROSS OF 1250 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663924
93	HORIZONTAL CROSS OF 1500 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL TYPE) CABLE TRAY-TYPE2	HY7433663932