



Cable Support Systems

Cable Ladder
Cable Tray
Accessories

Product Catalog

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CABLE LADDER

Cable Ladder is used in the cable support systems installations. It is the predominate cable support type due to its many desirable features:

01

A cable ladder without covers permits the maximum free flow of air around the cables. This allows the heat produced in the cable's conductors to effectively dissipate

02

The rungs of the cable ladders provide convenient anchors for tying down the cables in any non-horizontal cable tray rungs or where the positions of the cables must be maintained in the horizontal cable tray rungs.

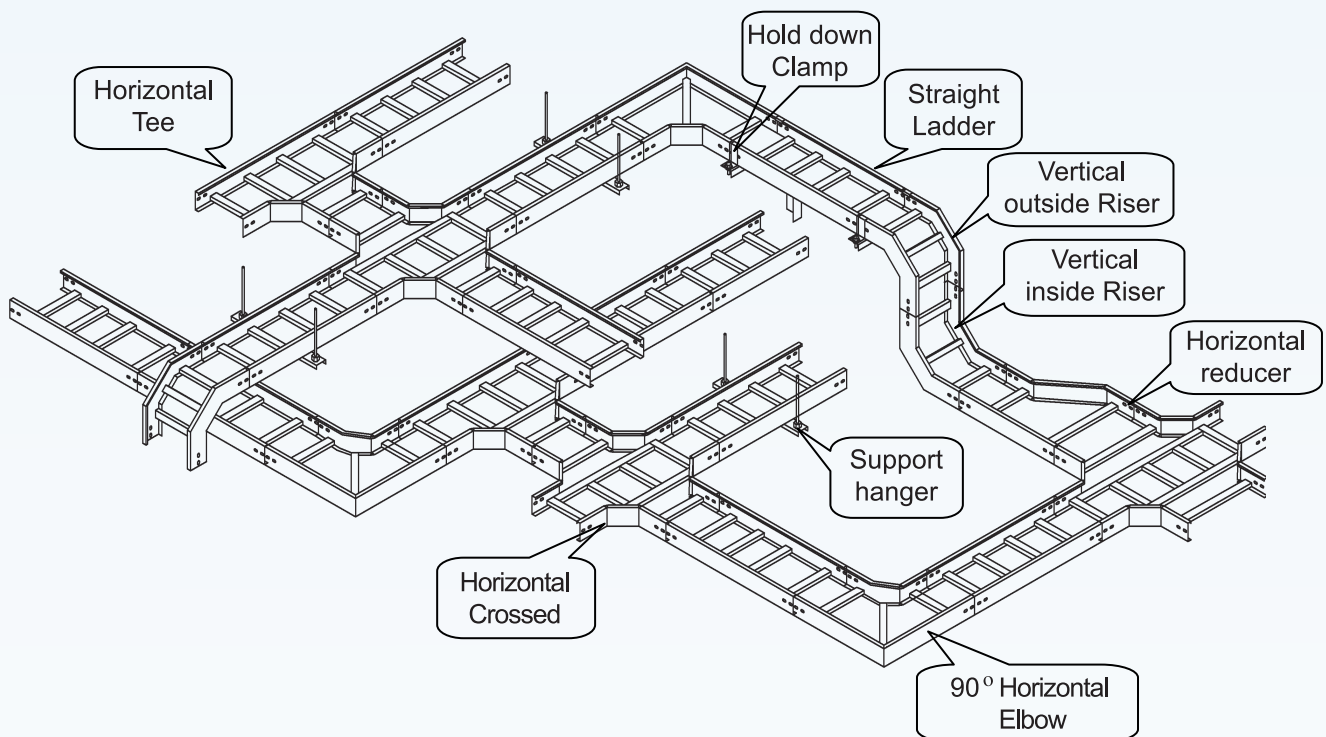
03

Cables may exit or enter the cable ladders through the top or the bottom of the cable tray. Where the cables enter or exit conduit, the conduit to cable tray clamps may be installed upright or inverted to terminate conduits on the top or bottom of the cable tray side rail.

04

The most common rung spacing for cable ladder is 300mm. But the slight amount of small diameter cable dropping between rungs may be aesthetically objectionable for some installations.

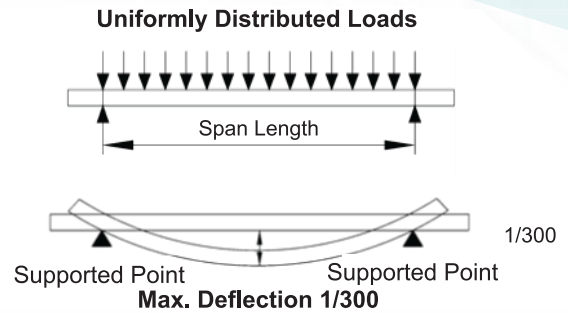
Figures: Cable Support System



CABLE SUPPORT SYSTEMS

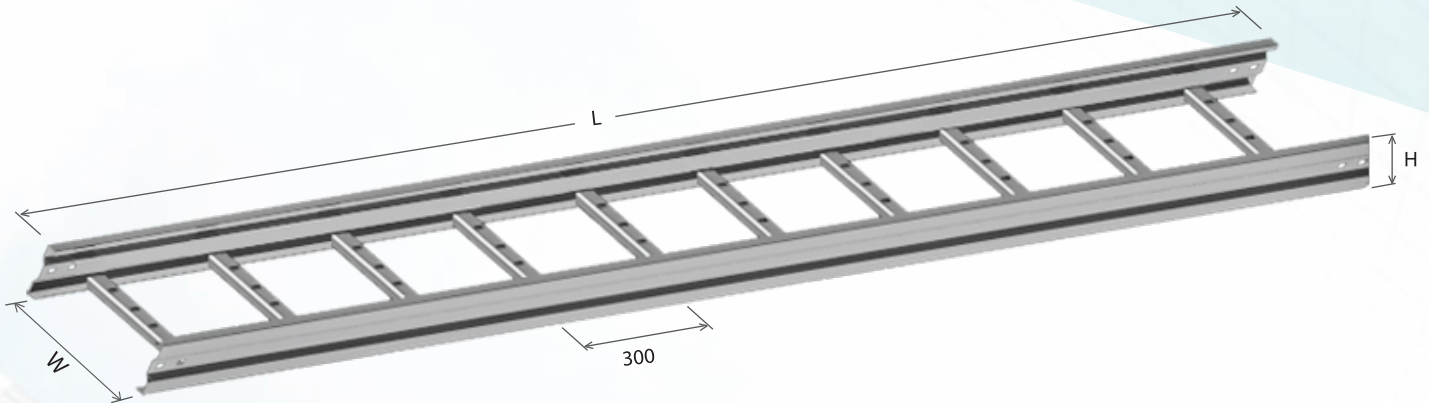
The allowable load has been measured on assumption that the maximum deflection is less than 1/300 of clear span between two supported point.

Criteria for calculation of Allowable Load



TECHNICAL SPECIFICATION OF CABLE LADDER (Rung Step = 300mm, Standard length = 3.0 m)

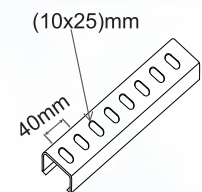
Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Available Load (Kg)			
				Span length: (m)			
				1.0	1.5	2.0	2.5
LS-200812	200	80	1.2	483	320	176	109
LS-300812	300	80	1.2	483	319	175	109
LS-400812	400	80	1.2	389	319	175	108
LS-500812	500	80	1.2	309	319	174	107
LS-200815	200	80	1.5	616	395	215	135
LS-300815	300	80	1.5	616	394	214	135
LS-400815	400	80	1.5	555	394	214	134
LS-500815	500	80	1.5	441	393	213	133
LS-600815	600	80	1.5	367	393	212	132
LS-800815	800	80	1.5	273	392	211	130
LS-201015	200	100	1.5	1081	717	533	384
LS-301015	300	100	1.5	937	717	532	383
LS-401015	400	100	1.5	760	716	532	382
LS-501015	500	100	1.5	760	716	531	381
LS-601015	600	100	1.5	663	627	531	381
LS-701015	700	100	1.5	596	566	530	380
LS-801015	800	100	1.5	546	521	530	380
LS-901015	900	100	1.5	506	460	529	379
LS-111020	1000	100	2.0	476	415	528	378
LS-201020	200	100	2.0	1668	1107	824	384
LS-301020	300	100	2.0	1129	1107	824	383
LS-401020	400	100	2.0	945	926	823	382
LS-501020	500	100	2.0	972	909	822	381
LS-601020	600	100	2.0	858	838	821	381
LS-801020	800	100	2.0	778	718	620	380
LS-901020	900	100	2.0	617	607	519	380
LS-1001020	1000	100	2.0	567	552	434	379
LS-1201020	1200	100	2.0	529	496	460	378



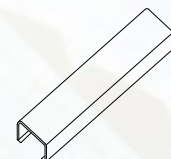
Material : Mild Steel, Stainless Steel Pre-Galvanised,
Standard length : L = 3.0 m
Finish : Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit (L)	Appox.Weight (Kg)
LS-200812	200	80	1.2	3m	10.1
LS-300812	300	80	1.2	3m	11.1
LS-400812	400	80	1.2	3m	12
LS-500812	500	80	1.2	3m	13
LS-200815	200	80	1.5	3m	12.6
LS-300815	300	80	1.5	3m	13.8
LS-400815	400	80	1.5	3m	15
LS-500815	500	80	1.5	3m	16.2
LS-600815	600	80	1.5	3m	17.4
LS-800815	800	80	1.5	3m	19.7
LS-201015	200	100	1.5	3m	14.1
LS-301015	300	100	1.5	3m	15.2
LS-401015	400	100	1.5	3m	16.4
LS-501015	500	100	1.5	3m	17.6
LS-601015	600	100	1.5	3m	18.8
LS-701015	700	100	1.5	3m	19.9
LS-801015	800	100	1.5	3m	21.1
LS-901015	900	100	1.5	3m	22.3
LS-111015	1000	100	1.5	3m	23.5
LS-201020	200	100	2.0	3m	18.7
LS-301020	300	100	2.0	3m	20.3
LS-401020	400	100	2.0	3m	21.9
LS-501020	500	100	2.0	3m	23.4
LS-601020	600	100	2.0	3m	25
LS-801020	800	100	2.0	3m	28.2
LS-901020	900	100	2.0	3m	29.7
LS-1001020	1000	100	2.0	3m	31.3
LS-1201020	1200	100	2.0	3m	34.4

Type of rungs



Type :R1
 With holes
 Oblong 10x25mm

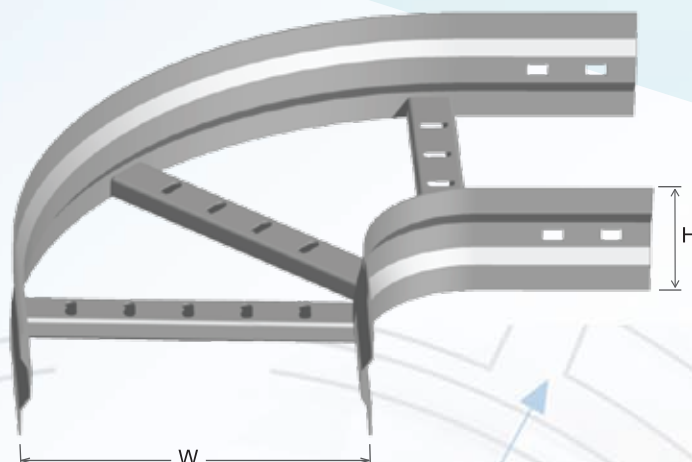
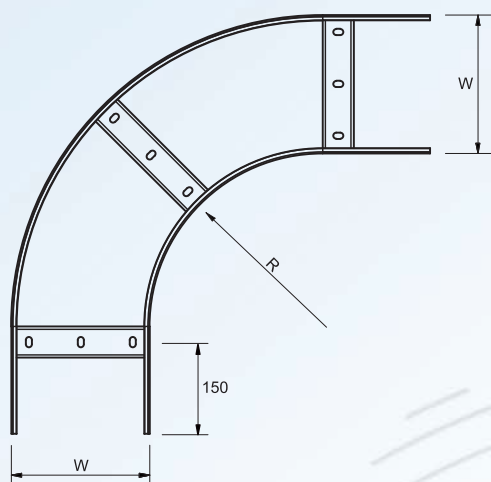


Type :R2
 No holes

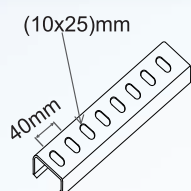
Order Code Sample

L S-20 08 12

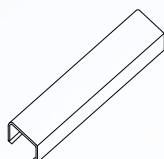
L : Cable Ladder
 S : Straight Type
 W : Width 200mm
 H : Height 80mm
 T : Thickness 1.2mm



Type of rungs



Type :R1
With holes
Oblong 10x25mm



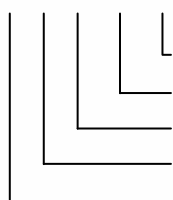
Type :R2
No holes

Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

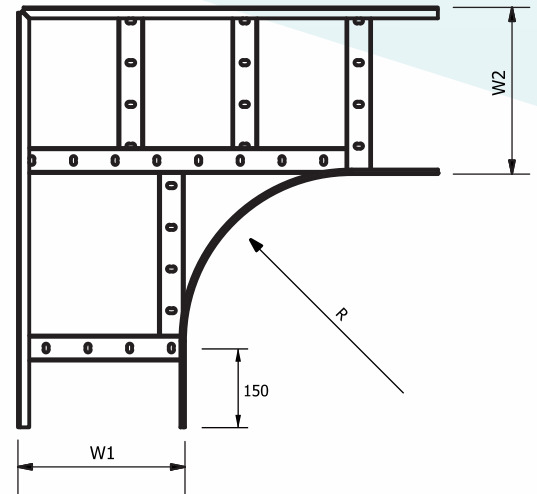
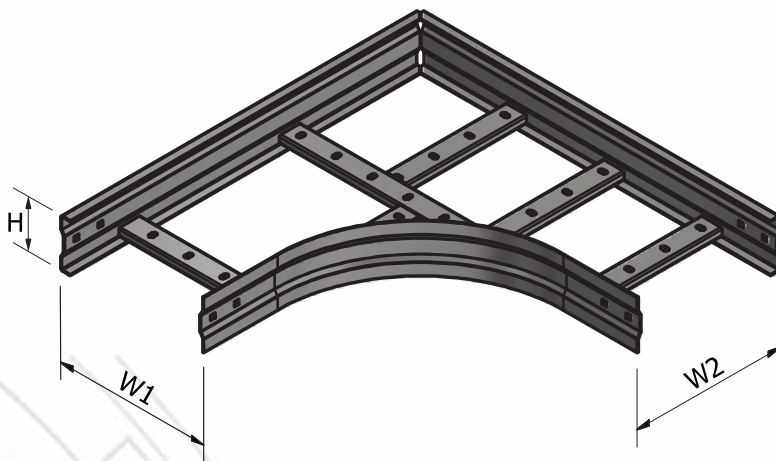
Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
LE-200812	200	80	1.2	pcs	2.5
LE-300812	300	80	1.2	pcs	3.2
LE-400812	400	80	1.2	pcs	4.1
LE-500812	500	80	1.2	pcs	4.8
LE-200815	200	80	1.5	pcs	3.1
LE-300815	300	80	1.5	pcs	4.0
LE-400815	400	80	1.5	pcs	5.2
LE-500815	500	80	1.5	pcs	6.1
LE-600815	600	80	1.5	pcs	7.0
LE-800815	800	80	1.5	pcs	8.8
LE-201015	200	100	1.5	pcs	3.3
LE-301015	300	100	1.5	pcs	4.2
LE-401015	400	100	1.5	pcs	5.3
LE-501015	500	100	1.5	pcs	6.2
LE-601015	600	100	1.5	pcs	7.3
LE-701015	700	100	1.5	pcs	8.1
LE-801015	800	100	1.5	pcs	9.7
LE-901015	900	100	1.5	pcs	10.6
LE-111015	1000	100	1.5	pcs	12.8
LE-201020	200	100	2.0	pcs	4.4
LE-301020	300	100	2.0	pcs	5.5
LE-401020	400	100	2.0	pcs	7.0
LE-501020	500	100	2.0	pcs	8.1
LE-601020	600	100	2.0	pcs	9.6
LE-801020	800	100	2.0	pcs	12.5
LE-901020	900	100	2.0	pcs	13.9
LE-1001020	1000	100	2.0	pcs	16.0
LE-1201020	1200	100	2.0	pcs	18.8

Order Code Sample

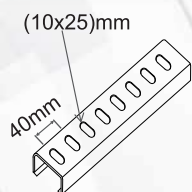
L E-20 08 12



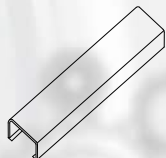
T : Thickness 1.2mm
H : Height 80mm
W : Width 200mm
E : 90° Elbow Type
L : Cable Ladder



Type of rungs



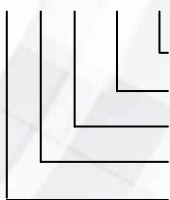
Type :R1
With holes
Oblong 10x25mm



Type :R2
No holes

Order Code Sample

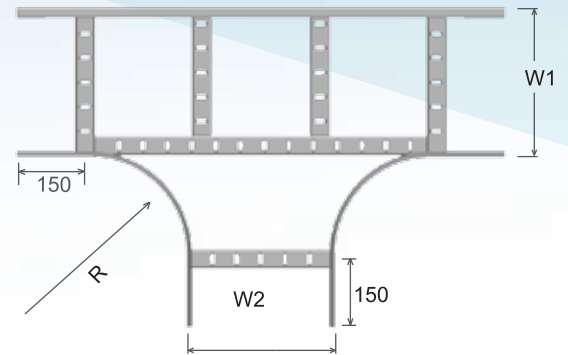
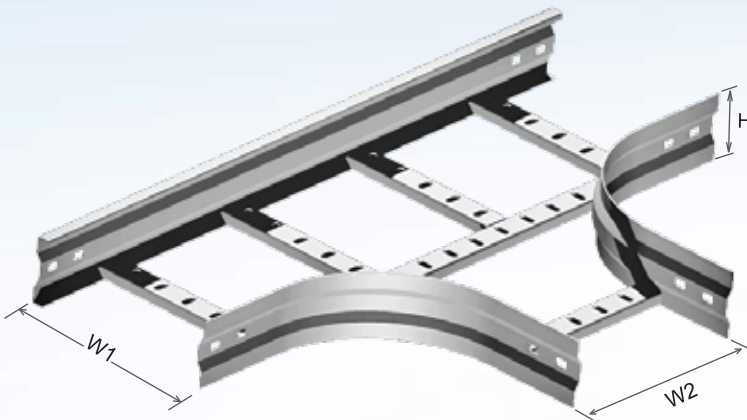
LE1 -20 08 12



T : Thickness 1.2mm
H : Height 80mm
W : Width 200mm
E : 90° Elbow Type
L : Cable Ladder

Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

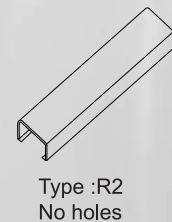
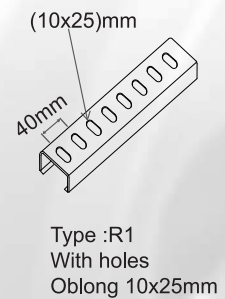
Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
LE1-200812	200	80	1.2	pcs	2.5
LE1-300812	300	80	1.2	pcs	3.2
LE1-400812	400	80	1.2	pcs	4.1
LE1-500812	500	80	1.2	pcs	4.8
LE1-200815	200	80	1.5	pcs	3.1
LE1-300815	300	80	1.5	pcs	4.0
LE1-400815	400	80	1.5	pcs	5.2
LE1-500815	500	80	1.5	pcs	6.1
LE1-600815	600	80	1.5	pcs	7.0
LE1-800815	800	80	1.5	pcs	8.8
LE1-201015	200	100	1.5	pcs	3.3
LE1-301015	300	100	1.5	pcs	4.2
LE1-401015	400	100	1.5	pcs	5.3
LE1-501015	500	100	1.5	pcs	6.2
LE1-601015	600	100	1.5	pcs	7.3
LE1-701015	700	100	1.5	pcs	8.1
LE1-801015	800	100	1.5	pcs	9.7
LE1-901015	900	100	1.5	pcs	10.6
LE1-111015	1000	100	1.5	pcs	12.8
LE1-201020	200	100	2.0	pcs	4.4
LE1-301020	300	100	2.0	pcs	5.5
LE1-401020	400	100	2.0	pcs	7.0
LE1-501020	500	100	2.0	pcs	8.1
LE1-601020	600	100	2.0	pcs	9.6
LE1-801020	800	100	2.0	pcs	12.5
LE1-901020	900	100	2.0	pcs	13.9
LE1-1001020	1000	100	2.0	pcs	16.0
LE1-1201020	1200	100	2.0	pcs	18.8



Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
LT-200812	200	200	80	1.2	pcs	3.7
LT-300812	300	300	80	1.2	pcs	4.4
LT-400812	400	400	80	1.2	pcs	6.6
LT-500812	500	500	80	1.2	pcs	8.6
LT-200815	200	200	80	1.5	pcs	4.5
LT-300815	300	300	80	1.5	pcs	5.4
LT-400815	400	400	80	1.5	pcs	8.5
LT-500815	500	500	80	1.5	pcs	9.5
LT-600815	600	600	80	1.5	pcs	10.5
LT-800815	800	800	80	1.5	pcs	13.4
LT-201015	200	200	100	1.5	pcs	5.0
LT-301015	300	300	100	1.5	pcs	5.7
LT-401015	400	400	100	1.5	pcs	8.8
LT-501015	500	500	100	1.5	pcs	9.9
LT-601015	600	600	100	1.5	pcs	11.3
LT-701015	700	700	100	1.5	pcs	11.7
LT-801015	800	800	100	1.5	pcs	13.5
LT-901015	900	900	100	1.5	pcs	14.5
LT-111015	1000	1000	100	1.5	pcs	15.5
LT-201020	200	200	100	2.0	pcs	6.6
LT-301020	300	300	100	2.0	pcs	7.7
LT-401020	400	400	100	2.0	pcs	11.4
LT-501020	500	500	100	2.0	pcs	13.2
LT-601020	600	600	100	2.0	pcs	14.4
LT-801020	800	800	100	2.0	pcs	17.9
LT-901020	900	900	100	2.0	pcs	19.3
LT-1001020	1000	1000	100	2.0	pcs	20.6
LT-1201020	1200	1200	100	2.0	pcs	22.1

Type of rungs

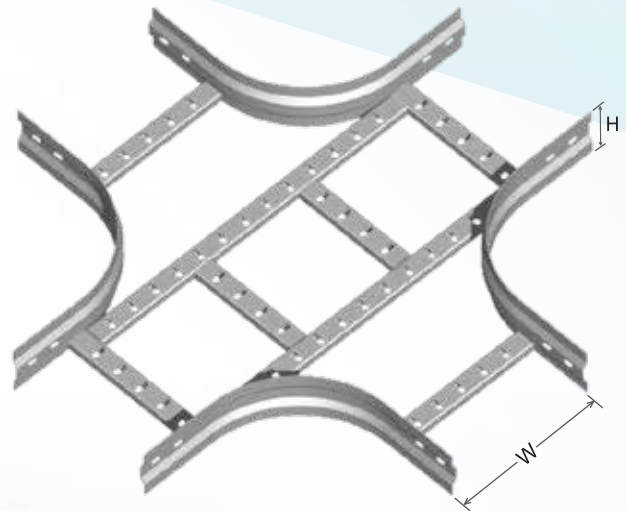
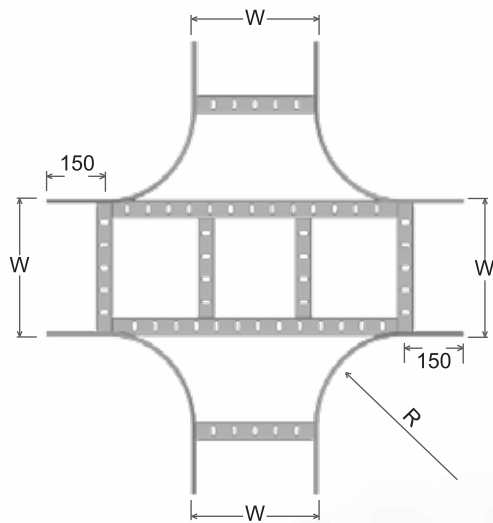


Order Code Sample

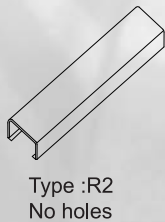
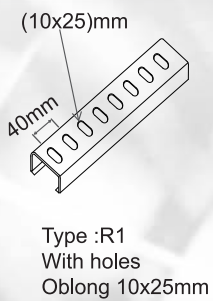
L T- 20 08 12

L : Cable Ladder
T : Tee Type
W : Width 200mm
H : Height 80mm
T : Thickness 1.2mm

CABLE SUPPORT SYSTEMS



Type of rungs



Material Finish

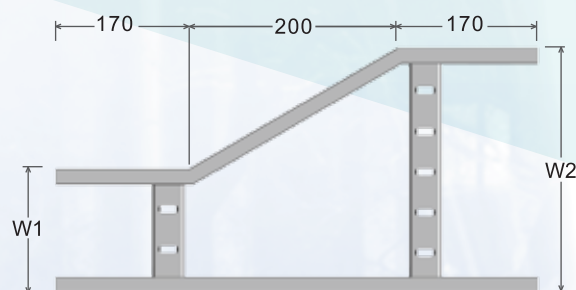
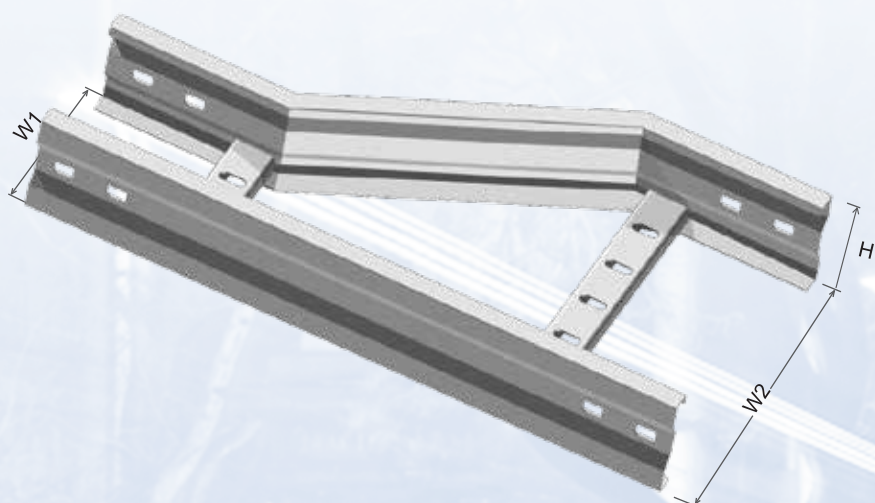
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Approx.Weight (Kg)	Unit
LX-200812	200	80	1.2	pcs	4.8	
LX-300812	300	80	1.2	pcs	5.4	
LX-400812	400	80	1.2	pcs	6.4	
LX-500812	500	80	1.2	pcs	9.3	
LX-200815	200	80	1.5	pcs	6.0	
LX-300815	300	80	1.5	pcs	6.7	
LX-400815	400	80	1.5	pcs	7.5	
LX-500815	500	80	1.5	pcs	11.5	
LX-600815	600	80	1.5	pcs	12.4	
LX-800815	800	80	1.5	pcs	14.3	
LX-201015	200	100	1.5	pcs	6.3	
LX-301015	300	100	1.5	pcs	7.0	
LX-401015	400	100	1.5	pcs	7.7	
LX-501015	500	100	1.5	pcs	11.8	
LX-601015	600	100	1.5	pcs	12.9	
LX-701015	700	100	1.5	pcs	13.7	
LX-801015	800	100	1.5	pcs	14.6	
LX-901015	900	100	1.5	pcs	16.5	
LX-111015	1000	100	1.5	pcs	17.6	
LX-201020	200	100	2.0	pcs	8.2	
LX-301020	300	100	2.0	pcs	9.2	
LX-401020	400	100	2.0	pcs	10.1	
LX-501020	500	100	2.0	pcs	15.4	
LX-601020	600	100	2.0	pcs	16.6	
LX-801020	800	100	2.0	pcs	19.0	
LX-901020	900	100	2.0	pcs	20.6	
LX-1001020	1000	100	2.0	pcs	22.7	
LX-1201020	1200	100	2.0	pcs	26.9	

Order Code Sample

L X-20 08 12

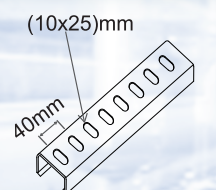




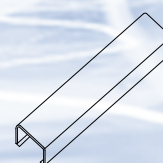
Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Available Load (Kg)	
						Width min W1-300mm	Width Max W2-1000mm
LRR-200812	200	300 to 1000mm	80	1.2	pcs	2.34	4.13
LRR-300812	300		80	1.2	pcs	2.48	4.19
LRR-400812	400		80	1.2	pcs	2.99	4.14
LRR-500812	500		80	1.2	pcs	3.26	4.43
LRR-200815	200		80	1.5	pcs	2.93	5.16
LRR-300815	300		80	1.5	pcs	3.10	5.24
LRR-400815	400		80	1.5	pcs	3.74	5.66
LRR-500815	500		80	1.5	pcs	4.07	5.15
LRR-600815	600		80	1.5	pcs	4.38	5.84
LRR-800815	800		80	1.5	pcs	5.00	5.93
LRR-201015	200		100	1.5	pcs	3.15	5.34
LRR-301015	300		100	1.5	pcs	3.44	5.40
LRR-401015	400		100	1.5	pcs	3.87	5.32
LRR-501015	500		100	1.5	pcs	4.23	5.30
LRR-601015	600		100	1.5	pcs	4.55	6.03
LRR-701015	700		100	1.5	pcs	5.56	6.05
LRR-801015	800		100	1.5	pcs	5.77	6.10
LRR-901015	900		100	1.5	pcs	6.18	6.58
LRR-201020	200		100	2.0	pcs	3.56	7.00
LRR-301020	300		100	2.0	pcs	4.59	7.07
LRR-401020	400		100	2.0	pcs	5.16	7.09
LRR-501020	500		100	2.0	pcs	5.64	6.92
LRR-601020	600		100	2.0	pcs	6.07	8.04
LRR-801020	800		100	2.0	pcs	7.70	8.13
LRR-901020	900		100	2.0	pcs	8.24	8.90

Type of rungs



Type :R1
 With holes
 Oblong 10x25mm



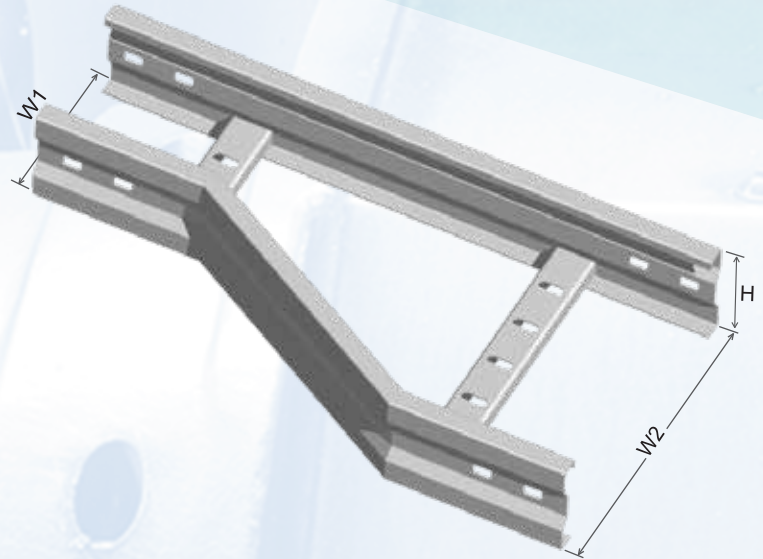
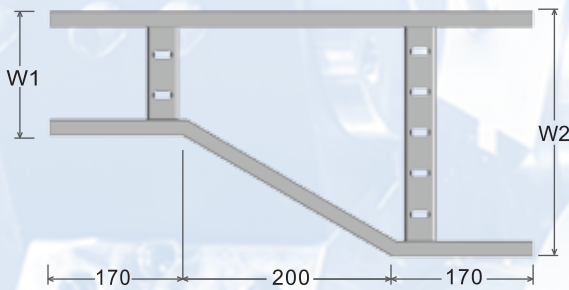
Type :R2
 No holes

Order Code Sample

L RR-20 08 12

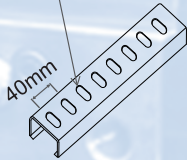
L : Cable Ladder
 RR : Right Hand Reducer
 W : Width 200mm
 H : Height 80mm
 T : Thickness 1.2mm

CABLE SUPPORT SYSTEMS

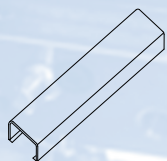


Type of rungs

(10x25)mm



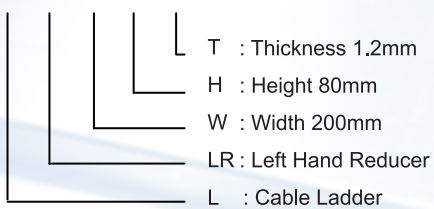
Type :R1
With holes
Oblong 10x25mm



Type :R2
No holes

Type of rungs

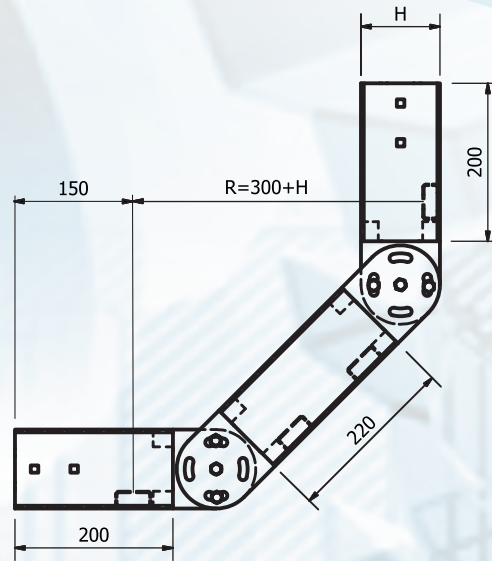
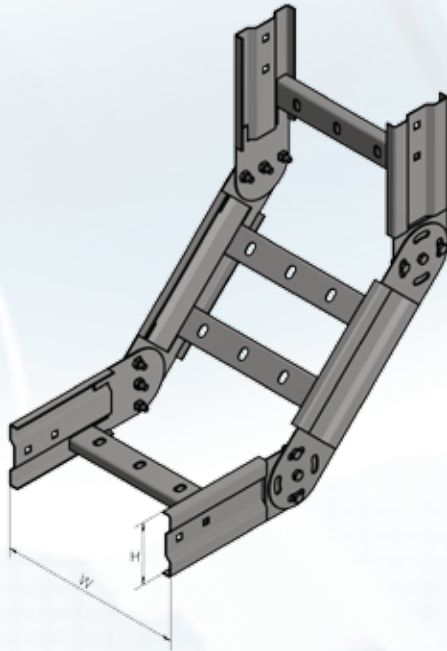
LR-20 08 12



Material Finish

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

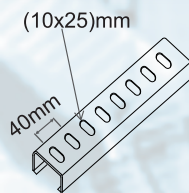
Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Available Load (Kg)	
						Width min W1-300mm	Width Max W2-1000mm
LLR-200812	200	300 to 1000mm	80	1.2	pcs	2.34	4.13
LLR-300812	300		80	1.2	pcs	2.48	4.19
LLR-400812	400		80	1.2	pcs	2.99	4.14
LLR-500812	500		80	1.2	pcs	3.26	4.43
LLR-200815	200		80	1.5	pcs	2.93	5.16
LLR-300815	300		80	1.5	pcs	3.10	5.24
LLR-400815	400		80	1.5	pcs	3.74	5.66
LLR-500815	500		80	1.5	pcs	4.07	5.15
LLR-600815	600		80	1.5	pcs	4.38	5.84
LLR-800815	800		80	1.5	pcs	5.00	5.93
LLR-201015	200		100	1.5	pcs	3.15	5.34
LLR-301015	300		100	1.5	pcs	3.44	5.40
LLR-401015	400		100	1.5	pcs	3.87	5.32
LLR-501015	500		100	1.5	pcs	4.23	5.30
LLR-601015	600		100	1.5	pcs	4.55	6.03
LLR-701015	700		100	1.5	pcs	5.56	6.05
LLR-801015	800		100	1.5	pcs	5.77	6.10
LLR-901015	900		100	1.5	pcs	6.18	6.58
LLR-201020	200		100	2.0	pcs	3.56	7.00
LLR-301020	300		100	2.0	pcs	4.59	7.07
LLR-401020	400		100	2.0	pcs	5.16	7.09
LLR-501020	500		100	2.0	pcs	5.64	6.92
LLR-601020	600		100	2.0	pcs	6.07	8.04
LLR-801020	800		100	2.0	pcs	7.70	8.13
LLR-901020	900		100	2.0	pcs	8.24	8.90



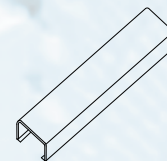
Type of rungs

Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Radius (R-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
LIR-200812	200	80	Standard 400mm (Other Radius available on request)	1.2	pcs	3.2
LIR-300812	300	80		1.2	pcs	3.4
LIR-400812	400	80		1.2	pcs	3.7
LIR-500812	500	80		1.2	pcs	3.9
LIR-200815	200	80		1.5	pcs	3.9
LIR-300815	300	80		1.5	pcs	4.3
LIR-400815	400	80		1.5	pcs	4.6
LIR-500815	500	80		1.5	pcs	4.9
LIR-600815	600	80		1.5	pcs	5.9
LIR-800815	800	80		1.5	pcs	6.7
LIR-201015	200	100		1.5	pcs	4.2
LIR-301015	300	100		1.5	pcs	4.5
LIR-401015	400	100		1.5	pcs	4.8
LIR-501015	500	100		1.5	pcs	5.1
LIR-601015	600	100		1.5	pcs	6.0
LIR-701015	700	100		1.5	pcs	6.4
LIR-801015	800	100		1.5	pcs	6.9
LIR-901015	900	100		1.5	pcs	7.3
LIR-111015	1000	100		1.5	pcs	7.7
LIR-201020	200	100		2.0	pcs	5.3
LIR-301020	300	100		2.0	pcs	5.6
LIR-401020	400	100		2.0	pcs	5.9
LIR-501020	500	100		2.0	pcs	6.2
LIR-601020	600	100		2.0	pcs	7.1
LIR-801020	800	100		2.0	pcs	7.9
LIR-901020	900	100		2.0	pcs	8.3
LIR-1001020	1000	100		2.0	pcs	8.7
LIR-1201020	1200	100		2.0	pcs	9.6



Type :R1
 With holes
 Oblong 10x25mm

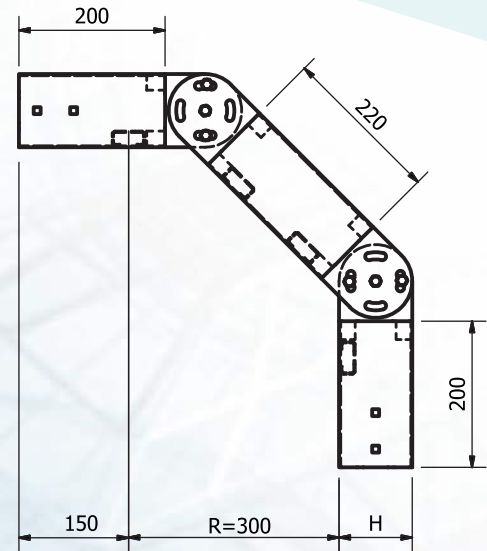
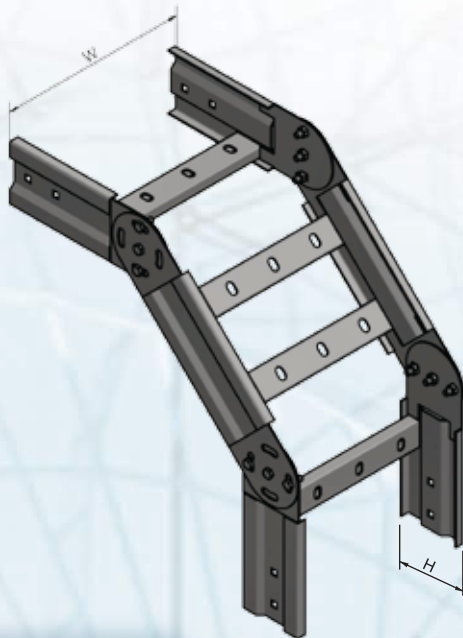


Type :R2
 No holes

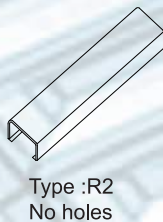
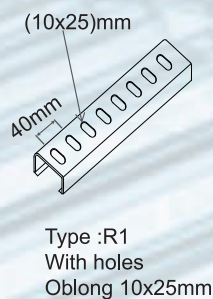
Order Code Sample

L IR-20 08 12

L : Cable Ladder
 IR : Inside Riser
 W : Width 200mm
 H : Height 80mm
 T : Thickness 1.2mm



Type of rungs



Type of rungs

L OR-20 08 12

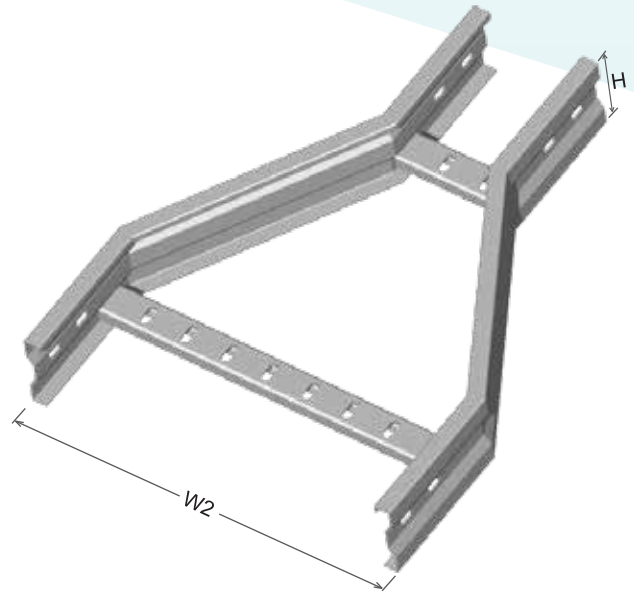
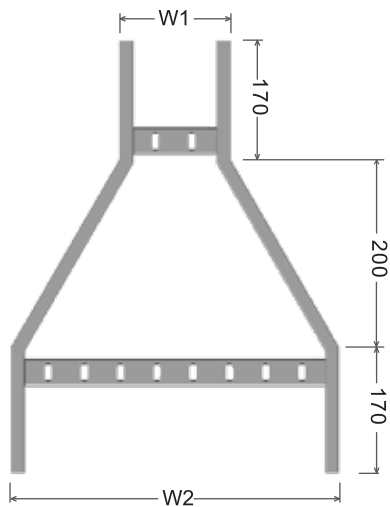


Material Finish

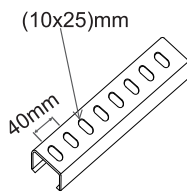
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Radius (R-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
LOR-200812	200	80	Standard 400mm (Other Radius available on request)	1.2	pcs	3.2
LOR-300812	300	80		1.2	pcs	3.4
LOR-400812	400	80		1.2	pcs	3.7
LOR-500812	500	80		1.2	pcs	3.9
LOR-200815	200	80		1.5	pcs	3.9
LOR-300815	300	80		1.5	pcs	4.3
LOR-400815	400	80		1.5	pcs	4.6
LOR-500815	500	80		1.5	pcs	4.9
LOR-600815	600	80		1.5	pcs	5.9
LOR-800815	800	80		1.5	pcs	6.7
LOR-201015	200	100		1.5	pcs	4.2
LOR-301015	300	100		1.5	pcs	4.5
LOR-401015	400	100		1.5	pcs	4.8
LOR-501015	500	100		1.5	pcs	5.1
LOR-601015	600	100		1.5	pcs	6.0
LOR-701015	700	100		1.5	pcs	6.4
LOR-801015	800	100		1.5	pcs	6.9
LOR-901015	900	100		1.5	pcs	7.3
LOR-111015	1000	100		1.5	pcs	7.7
LOR-201020	200	100		2.0	pcs	5.3
LOR-301020	300	100		2.0	pcs	5.6
LOR-401020	400	100		2.0	pcs	5.9
LOR-501020	500	100		2.0	pcs	6.2
LOR-601020	600	100		2.0	pcs	7.1
LOR-801020	800	100		2.0	pcs	7.9
LOR-901020	900	100		2.0	pcs	8.3
LOR-1001020	1000	100		2.0	pcs	8.7
LOR-1201020	1200	100		2.0	pcs	9.6

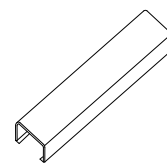
CABLE SUPPORT SYSTEMS



Type of rungs



Type :R1
With holes
Oblong 10x25mm



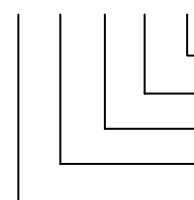
Type :R2
No holes

Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Available Load (Kg)	
						Width min W1-300mm	Width Max W2-1000mm
LSR-200812	200	300 to 1000mm	80	1.2	pcs	2.31	3.91
LSR-300812	300		80	1.2	pcs	2.65	4.48
LSR-400812	400		80	1.2	pcs	2.99	4.55
LSR-500812	500		80	1.2	pcs	3.40	4.60
LSR-200815	200		80	1.5	pcs	2.89	4.89
LSR-300815	300		80	1.5	pcs	3.31	5.58
LSR-400815	400		80	1.5	pcs	3.74	5.69
LSR-500815	500		80	1.5	pcs	4.25	5.75
LSR-600815	600		80	1.5	pcs	4.49	5.81
LSR-800815	800		80	1.5	pcs	5.02	5.97
LSR-201015	200		100	1.5	pcs	3.04	4.03
LSR-301015	300		100	1.5	pcs	3.15	5.10
LSR-401015	400		100	1.5	pcs	3.58	5.61
LSR-501015	500		100	1.5	pcs	4.09	5.72
LSR-601015	600		100	1.5	pcs	4.33	5.76
LSR-701015	700		100	1.5	pcs	5.49	5.79
LSR-801015	800		100	1.5	pcs	5.70	5.89
LSR-901015	900		100	1.5	pcs	5.93	6.18
LSR-201020	200		100	2.0	pcs	4.06	5.37
LSR-301020	300		100	2.0	pcs	4.20	6.80
LSR-401020	400		100	2.0	pcs	4.77	7.26
LSR-501020	500		100	2.0	pcs	5.45	7.63
LSR-601020	600		100	2.0	pcs	5.78	7.68
LSR-801020	800		100	2.0	pcs	7.60	7.85
LSR-901020	900		100	2.0	pcs	7.91	8.24

Order Code Sample

L SR-20 08 12

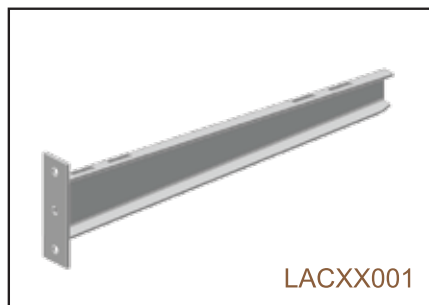


T : Thickness 1.2mm
H : Height 80mm
W : Width 200mm
SR : Straight Reducer
L : Cable Ladder

CABLE SUPPORT SYSTEMS

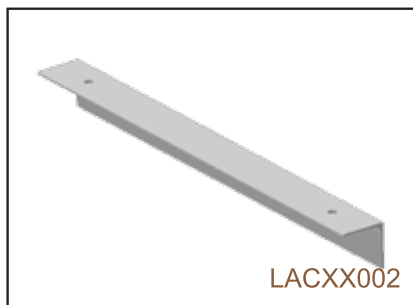
**Material
Finish**

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized



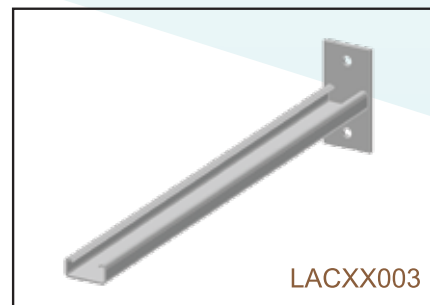
LACXX001

Support Ladder 1



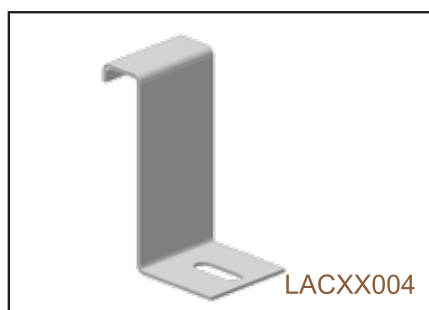
LACXX002

Support Ladder 2



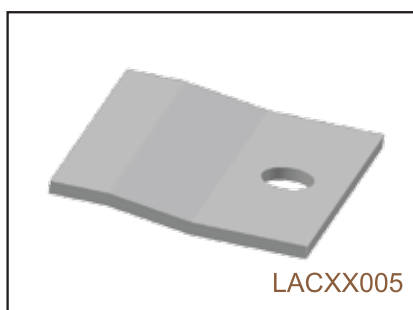
LACXX003

Support Ladder 3



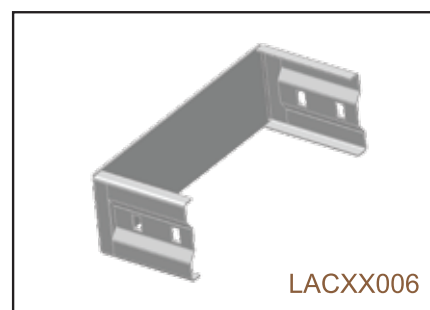
LACXX004

Clamp 1



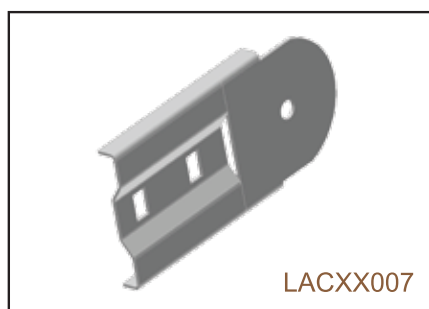
LACXX005

Clamp 2



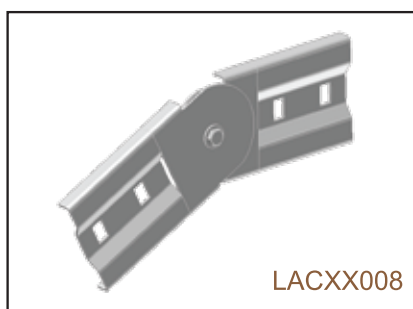
LACXX006

End cap



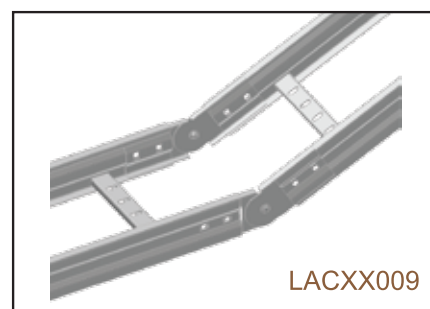
LACXX007

Vertical Adjustable Connector



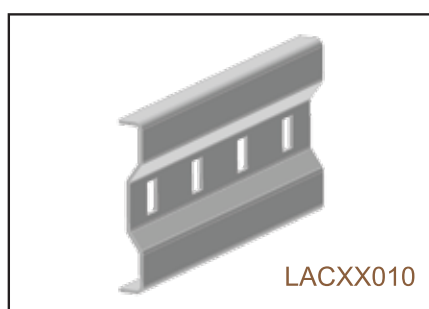
LACXX008

Assembly Vertical Adjustable Connector



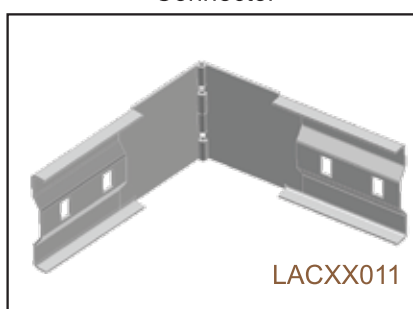
LACXX009

Assembly Vertical Adjustable Connector 1



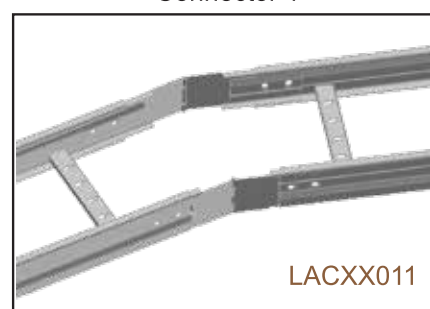
LACXX010

Ladder connector



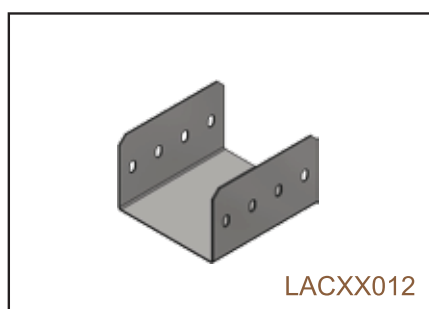
LACXX011

Assembly Horizontal Hinged Couple



LACXX011

Assembly Horizontal Hinged Couple 1



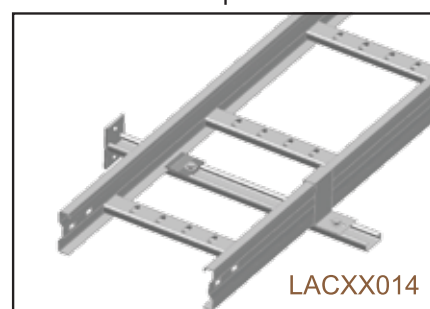
LACXX012

Joiner



LACXX013

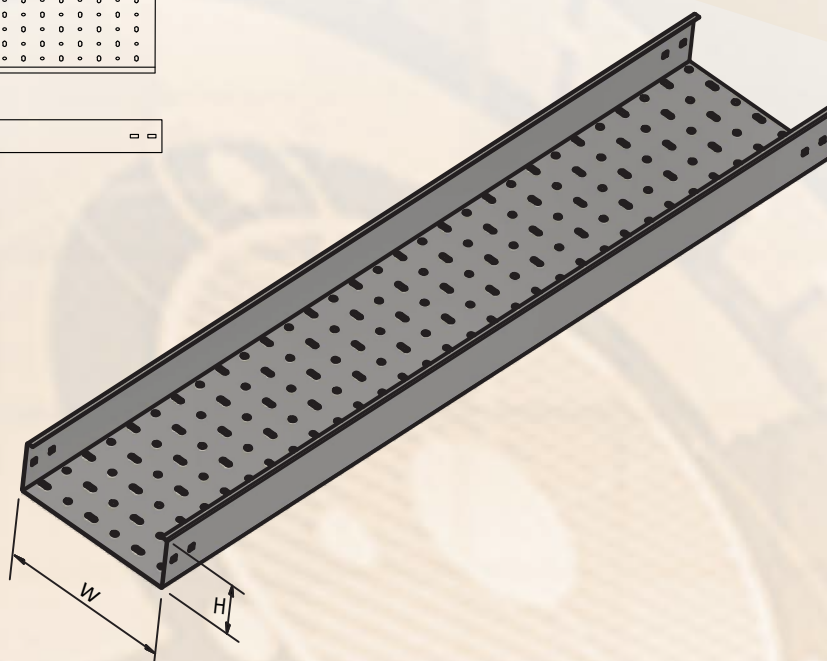
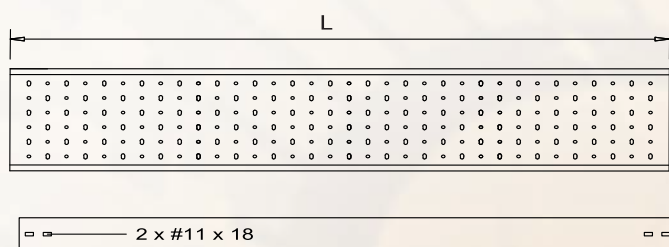
Assembly Ladder Connector



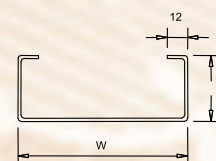
LACXX014

Assembly Clamp

CABLE SUPPORT SYSTEMS



Material : Mild Steel, Stainless Steel Pre-Galvanised,
Standard length : L = 3.0 m
Finish : Powder coated or Hot dip galvanized



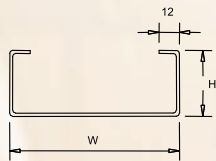
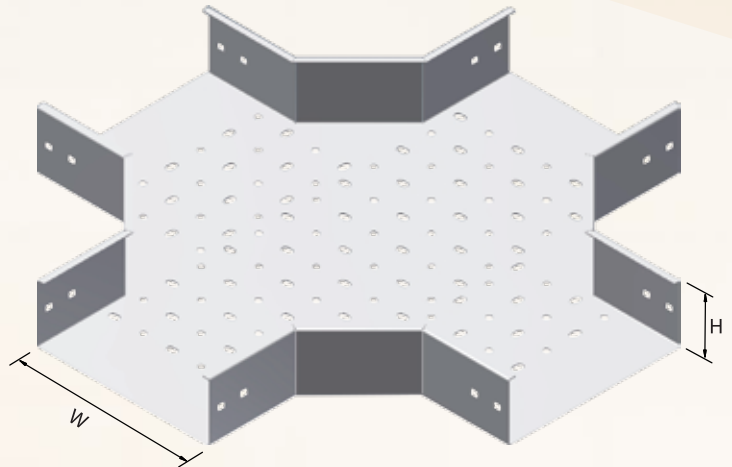
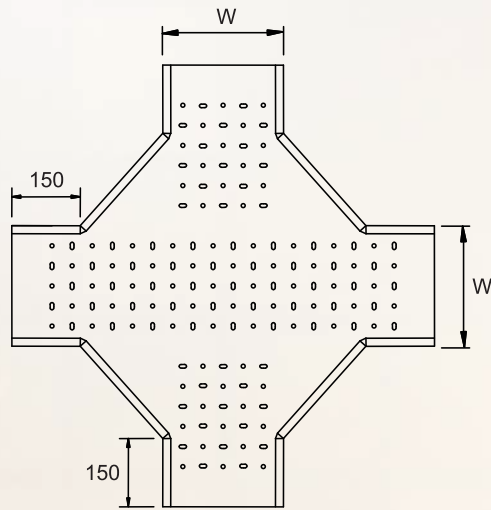
Standard side shape type C1

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit (L)	Appox.Weight (Kg)
TS-100510	100	50	1.0	3m	5.1
TS-100710	100	70	1.0	3m	6.1
TS-101010	100	100	1.0	3m	7.3
TS-100512	100	50	1.2	3m	6.1
TS-100712	100	70	1.2	3m	7.5
TS-101012	100	100	1.2	3m	9.1
TS-201012	200	100	1.2	3m	11.9
TS-301012	300	100	1.2	3m	14.9
TS-201015	200	100	1.5	3m	15.0
TS-301015	300	100	1.5	3m	18.6
TS-401015	400	100	1.5	3m	22.0
TS-501015	500	100	1.5	3m	25.7
TS-301020	300	100	2.0	3m	24.6
TS-401020	400	100	2.0	3m	29.4
TS-501020	500	100	2.0	3m	34.2
TS-601020	600	100	2.0	3m	39.0
TS-701020	700	100	2.0	3m	43.7
TS-801020	800	100	2.0	3m	48.6
TS-901020	900	100	2.0	3m	53.5
TS-1001020	1000	100	2.0	3m	57.3

Order Code Sample

I S -10 05 10





Standard side shape type C1

Material Finish

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

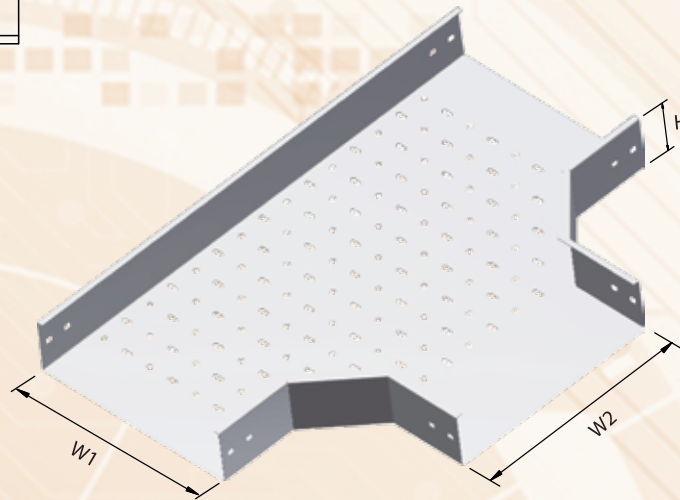
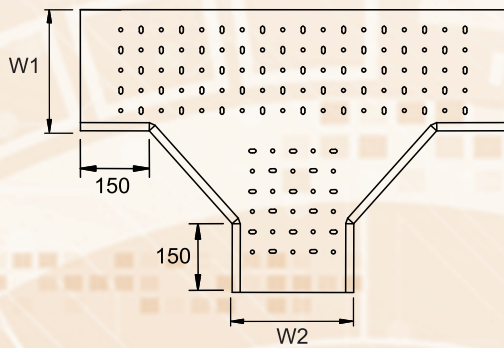
Code	Width (W1-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
TX-100710	100	70	1.0	pcs	1.87
TX-101010	100	100	1.0	pcs	2.23
TX-100512	100	50	1.2	pcs	1.97
TX-100712	100	70	1.2	pcs	2.25
TX-101012	100	100	1.2	pcs	2.67
TX-201012	200	100	1.2	pcs	3.79
TX-301012	300	100	1.2	pcs	5.10
TX-201015	200	100	1.5	pcs	4.74
TX-301015	300	100	1.5	pcs	6.37
TX-401015	400	100	1.5	pcs	8.21
TX-501015	500	100	1.5	pcs	10.34
TX-301020	300	100	2.0	pcs	8.48
TX-401020	400	100	2.0	pcs	11.00
TX-501020	500	100	2.0	pcs	13.78
TX-601020	600	100	2.0	pcs	10.89
TX-701020	700	100	2.0	pcs	20.32
TX-801020	800	100	2.0	pcs	24.1
TX-901020	900	100	2.0	pcs	28.12
TX-1001020	1000	100	2.0	pcs	32.51

Order Code Sample

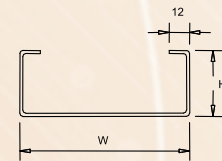
I X -10 07 10

T : Thickness 1.0mm
 H : Height 70mm
 W : Width 100mm
 X : Cross Type
 T : Cable Tray

CABLE SUPPORT SYSTEMS



Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized



Standard side shape type C1

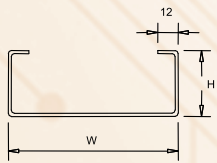
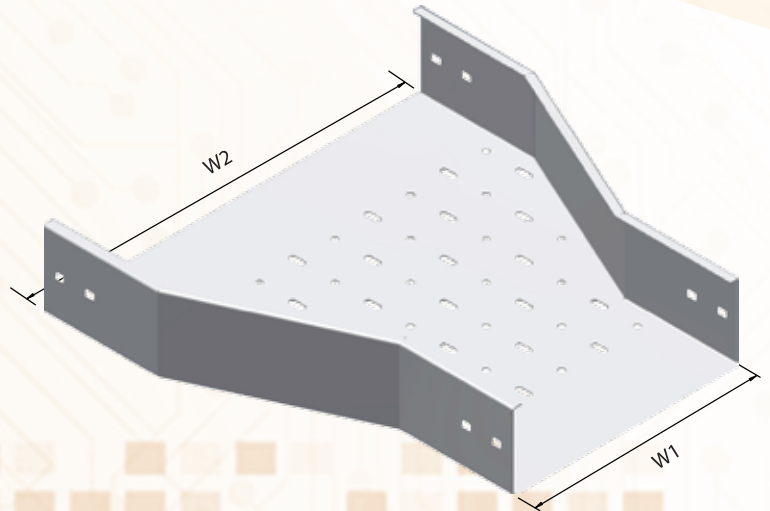
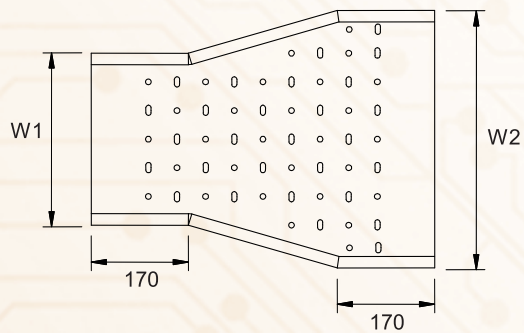
Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
TT-100710	100	W2 = W1 if no specification	70	1.0	pcs	1.50
TT-101010	100		100	1.0	pcs	1.78
TT-100512	100		50	1.2	pcs	1.54
TT-100712	100		70	1.2	pcs	1.81
TT-101012	100		100	1.2	pcs	2.15
TT-201012	200		100	1.2	pcs	3.15
TT-301012	300		100	1.2	pcs	4.35
TT-201015	200		100	1.5	pcs	3.94
TT-301015	300		100	1.5	pcs	5.44
TT-401015	400		100	1.5	pcs	7.21
TT-501015	500		100	1.5	pcs	9.22
TT-301020	300		100	2.0	pcs	7.25
TT-401020	400		100	2.0	pcs	9.56
TT-501020	500		100	2.0	pcs	12.2
TT-601020	600		100	2.0	pcs	15.2
TT-701020	700		100	2.0	pcs	18.4
TT-801020	800		100	2.0	pcs	22.1
TT-901020	900		100	2.0	pcs	25.83
TT-1001020	1000		100	2.0	pcs	30.1

Order Code Sample

I I -10 07 10

T : Thickness 1.0mm
 H : Height 70mm
 W : Width 100mm
 T : Tee Type
 T : Cable Tray

CABLE SUPPORT SYSTEMS



Standard side shape type C1

Material Finish

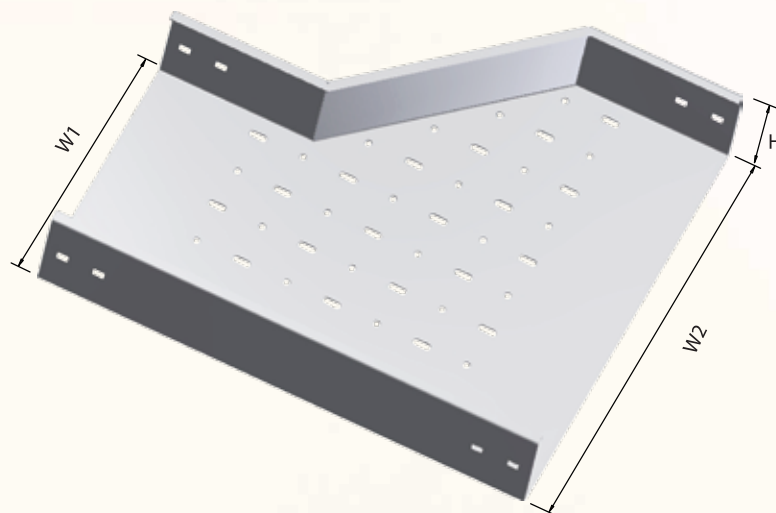
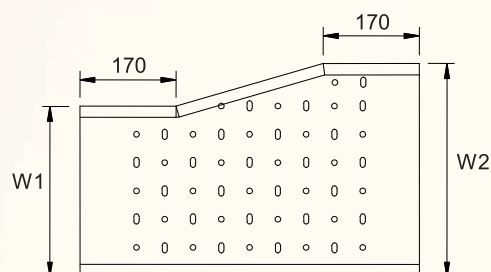
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Approx.Weight (Kg)	
						Width min W1-100mm	Width max W2-1000mm
TSR-100710	100	100 to 1000 mm	70	1.0	pcs	0.68	3.28
TSR-101010	100		100	1.0	pcs	0.85	3.65
TSR-100512	100		50	1.2	pcs	0.72	3.65
TSR-100712	100		70	1.2	pcs	0.81	3.94
TSR-101012	100		100	1.2	pcs	1.02	4.38
TSR-201012	200		100	1.2	pcs	1.45	4.60
TSR-301012	300		100	1.2	pcs	2.89	4.81
TSR-201015	200		100	1.5	pcs	1.81	5.75
TSR-301015	300		100	1.5	pcs	3.62	6.00
TSR-401015	400		100	1.5	pcs	4.27	6.21
TSR-501015	500		100	1.5	pcs	4.82	6.45
TSR-301020	300		100	2.0	pcs	4.83	8.01
TSR-401020	400		100	2.0	pcs	5.69	8.28
TSR-501020	500		100	2.0	pcs	6.56	8.60
TSR-601020	600		100	2.0	pcs	7.41	8.93
TSR-701020	700		100	2.0	pcs	8.32	9.31
TSR-801020	800		100	2.0	pcs	9.18	9.67
TSR-901020	900		100	2.0	pcs	9.76	10.04

Order Code Sample**I SR -10 07 10**

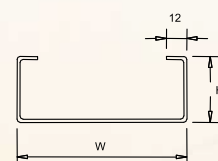
T : Thickness 1.0mm
 H : Height 70mm
 W : Width 100mm
 SR : Straight Reducer
 T : Cable Tray

CABLE SUPPORT SYSTEMS



Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

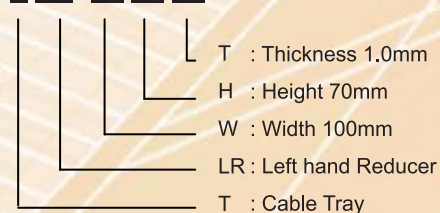
Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-100mm	Width max W2-1000mm
TLR-100710	100	100 to 1000 mm	70	1.0	pcs	0.81	3.44
TLR-101010	100		100	1.0	pcs	0.98	3.84
TLR-100512	100		50	1.2	pcs	0.85	3.79
TLR-100712	100		70	1.2	pcs	0.97	4.12
TLR-101012	100		100	1.2	pcs	1.17	4.61
TLR-201012	200		100	1.2	pcs	2.42	4.78
TLR-301012	300		100	1.2	pcs	2.94	4.94
TLR-201015	200		100	1.5	pcs	3.03	5.97
TLR-301015	300		100	1.5	pcs	3.68	6.17
TLR-401015	400		100	1.5	pcs	4.32	6.39
TLR-501015	500		100	1.5	pcs	4.97	7.42
TLR-301020	300		100	2.0	pcs	4.90	8.24
TLR-401020	400		100	2.0	pcs	5.76	8.52
TLR-501020	500		100	2.0	pcs	6.63	8.81
TLR-601020	600		100	2.0	pcs	7.50	9.10
TLR-701020	700		100	2.0	pcs	8.37	9.42
TLR-801020	800		100	2.0	pcs	9.23	9.74
TLR-901020	900		100	2.0	pcs	10.10	10.90



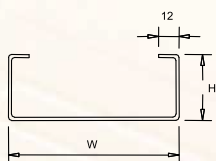
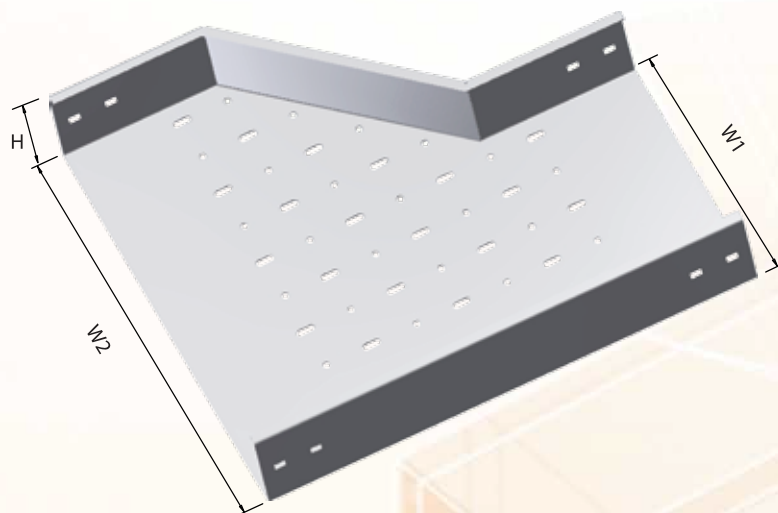
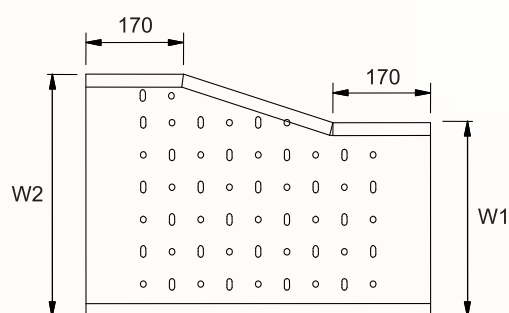
Standard side shape type C1

Order Code Sample

TLR-10 07 10



CABLE SUPPORT SYSTEMS



Standard side shape type C1

Material Finish

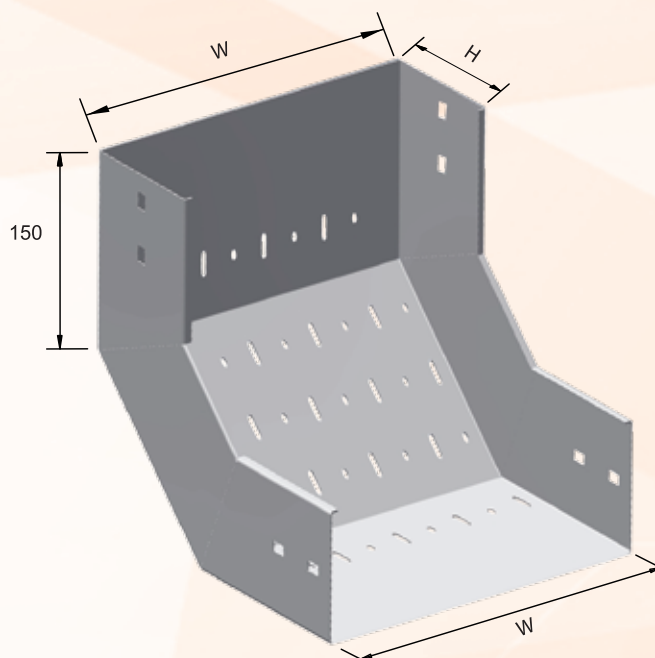
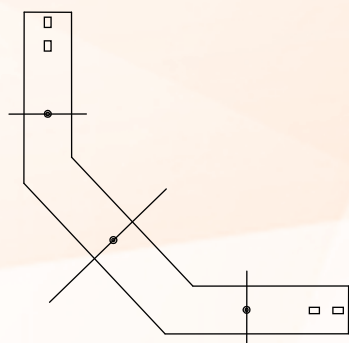
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-100mm	Width max W2-1000mm
TRR-100710	100	100 to 1000 mm	70	1.0	pcs	0.81	3.44
TRR-101010	100		100	1.0	pcs	0.98	3.84
TRR-100512	100		50	1.2	pcs	0.85	3.79
TRR-100712	100		70	1.2	pcs	0.97	4.12
TRR-101012	100		100	1.2	pcs	1.17	4.61
TRR-201012	200		100	1.2	pcs	2.42	4.78
TRR-301012	300		100	1.2	pcs	2.94	4.94
TRR-201015	200		100	1.5	pcs	3.03	5.97
TRR-301015	300		100	1.5	pcs	3.68	6.17
TRR-401015	400		100	1.5	pcs	4.32	6.39
TRR-501015	500		100	1.5	pcs	4.97	7.42
TRR-301020	300		100	2.0	pcs	4.90	8.24
TRR-401020	400		100	2.0	pcs	5.76	8.52
TRR-501020	500		100	2.0	pcs	6.63	8.81
TRR-601020	600		100	2.0	pcs	7.50	9.10
TRR-701020	700		100	2.0	pcs	8.37	9.42
TRR-801020	800		100	2.0	pcs	9.23	9.74
TRR-901020	900		100	2.0	pcs	10.10	10.90

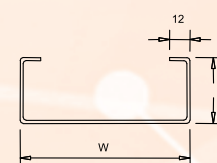
Order Code Sample

I RR -10 07 10





Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized



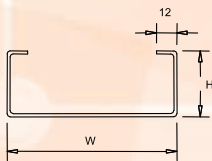
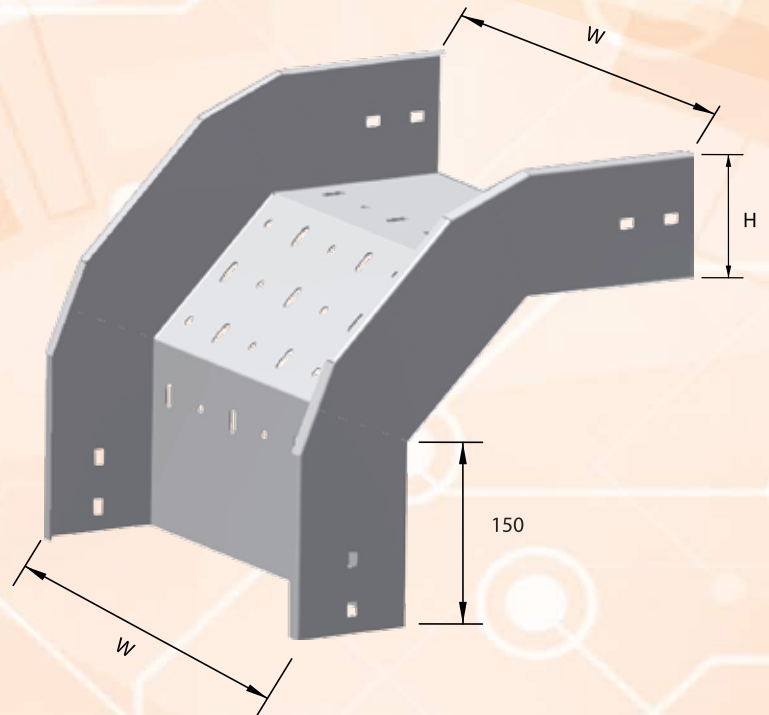
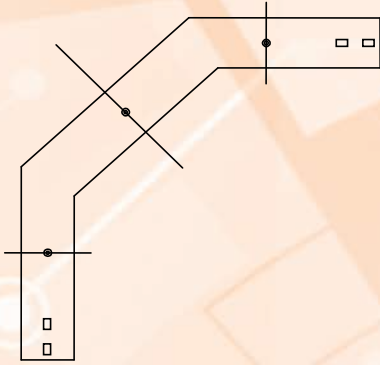
Standard side shape type C1

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
TIR-100710	100	70	1.0	pcs	1.2
TIR-101010	100	100	1.0	pcs	1.4
TIR-100512	100	50	1.2	pcs	1.2
TIR-100712	100	70	1.2	pcs	1.4
TIR-101012	100	100	1.2	pcs	1.6
TIR-201012	200	100	1.2	pcs	2.3
TIR-301012	300	100	1.2	pcs	3.4
TIR-201015	200	100	1.5	pcs	2.9
TIR-301015	300	100	1.5	pcs	3.7
TIR-401015	400	100	1.5	pcs	4.4
TIR-501015	500	100	1.5	pcs	5.1
TIR-301020	300	100	2.0	pcs	4.7
TIR-401020	400	100	2.0	pcs	5.7
TIR-501020	500	100	2.0	pcs	6.7
TIR-601020	600	100	2.0	pcs	7.6
TIR-701020	700	100	2.0	pcs	8.8
TIR-801020	800	100	2.0	pcs	9.7
TIR-901020	900	100	2.0	pcs	10.8
TIR-1001020	1000	100	2.0	pcs	12.0

Order Code Sample

TIR-100710

T : Thickness 1.0mm
 H : Height 70mm
 W : Width 100mm
 IR : Inside Riser
 T : Cable Tray

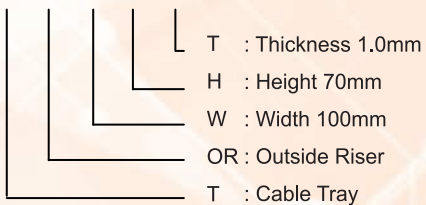


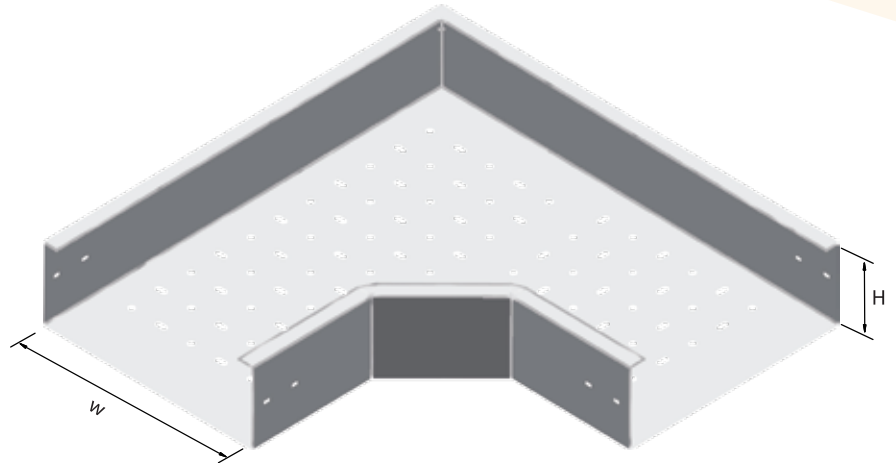
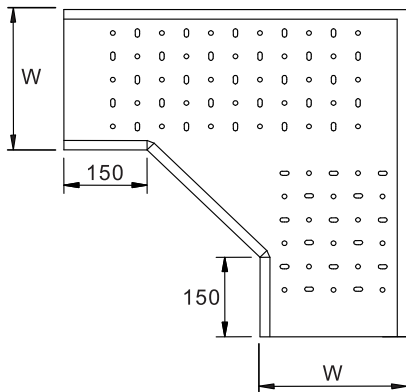
Standard side shape type C1

Material Finish

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

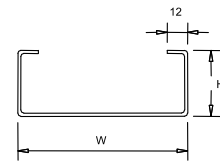
Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
TOR-100710	100	70	1.0	pcs	1.2
TOR-101010	100	100	1.0	pcs	1.4
TOR-100512	100	50	1.2	pcs	1.2
TOR-100712	100	70	1.2	pcs	1.4
TOR-101012	100	100	1.2	pcs	1.6
TOR-201012	200	100	1.2	pcs	2.3
TOR-301012	300	100	1.2	pcs	3.4
TOR-201015	200	100	1.5	pcs	2.9
TOR-301015	300	100	1.5	pcs	3.7
TOR-401015	400	100	1.5	pcs	4.4
TOR-501015	500	100	1.5	pcs	5.1
TOR-301020	300	100	2.0	pcs	4.7
TOR-401020	400	100	2.0	pcs	5.7
TOR-501020	500	100	2.0	pcs	6.7
TOR-601020	600	100	2.0	pcs	7.6
TOR-701020	700	100	2.0	pcs	8.8
TOR-801020	800	100	2.0	pcs	9.7
TOR-901020	900	100	2.0	pcs	10.8
TOR-1001020	1000	100	2.0	pcs	12.0

Order Code Sample**I OR -10 07 10**



Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

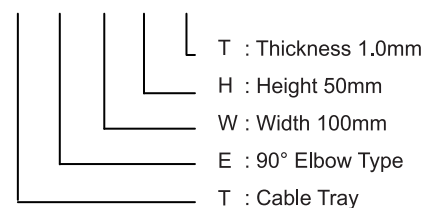
Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
TE-100510	100	50	1.0	pcs	0.93
TE-100710	100	70	1.0	pcs	1.10
TE-101010	100	100	1.0	pcs	1.33
TE-100512	100	50	1.2	pcs	1.15
TE-100712	100	70	1.2	pcs	1.30
TE-101012	100	100	1.2	pcs	1.60
TE-201012	200	100	1.2	pcs	2.50
TE-301012	300	100	1.2	pcs	3.40
TE-201015	200	100	1.5	pcs	3.20
TE-301015	300	100	1.5	pcs	4.50
TE-401015	400	100	1.5	pcs	6.10
TE-501015	500	100	1.5	pcs	7.90
TE-301020	300	100	2.0	pcs	5.60
TE-401020	400	100	2.0	pcs	8.10
TE-501020	500	100	2.0	pcs	10.6
TE-601020	600	100	2.0	pcs	13.4
TE-701020	700	100	2.0	pcs	16.5
TE-801020	800	100	2.0	pcs	19.8
TE-901020	900	100	2.0	pcs	23.5
TE-1001020	1000	100	2.0	pcs	27.5



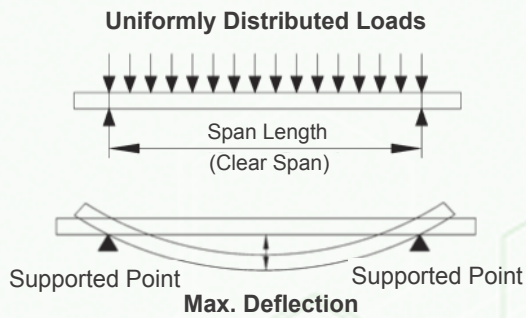
Standard side shape type C1

Order Code Sample

I E -10 05 10



CABLE SUPPORT SYSTEMS



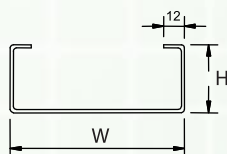
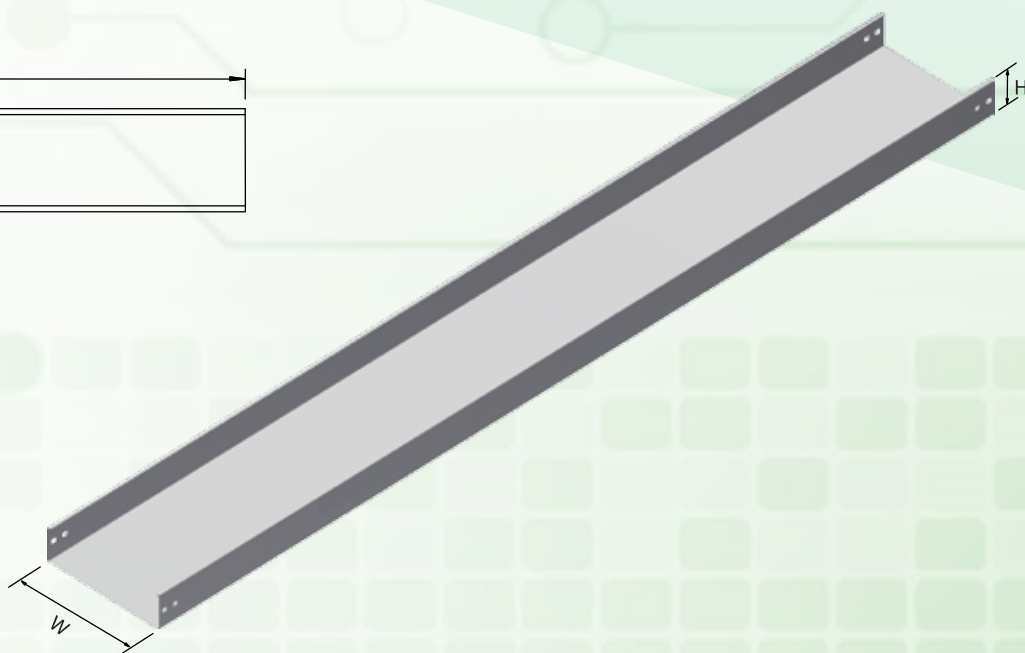
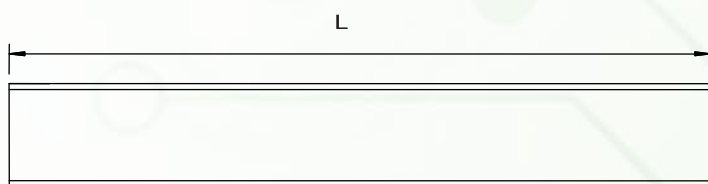
Cable Duct, takes a smaller allowable load of cable. The allowable load has been measured on the assumption that the maximum deflection is less than 1 /300 of the clear span between two supporting points

After comparing the allowable load of side with

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Available Load (Kg)		
				Span length: (m)		
				1.5	2.0	2.0
DS-050410	50	40	1.0	123	96	69
DS-050510	50	50	1.0	142	106	70
DS-070510	70	50	1.0	185	102	19
DS-050412	50	40	1.2	305	200	95
DS-050512	50	50	1.2	327	225	123
DS-070512	70	50	1.2	336	221	106
DS-100512	100	50	1.2	270	217	89
DS-100712	100	70	1.2	178	144	110
DS-101012	100	100	1.2	176	144	112
DS-100515	100	50	1.5	173	142	111
DS-100715	100	70	1.5	171	141	111
DS-101015	100	100	1.5	170	142	114
DS-151015	150	100	1.5	225	125	56
DS-201015	200	100	1.5	222	143	64
DS-301015	300	100	1.5	219	149	79
DS-401015	400	100	1.5	216	156	96
DS-501015	500	100	1.5	212	152	92

- Material : Mild Steel, Stainless Steel, Pre-Gavalnized steel
- Finishing : Powder Coated, Hot Dipped Gavalnized , Pre-Gavalnized
- Standard thickness : 1.0,1.2,1.5,2.0mm
- Standard width : W = 50mm to 600mm
- Standard height : H: 40,50, 75,100mm
- Standard length : 2.4m & 3.0m
- Colors: RAL7035, Orange
- Other colors can be supplied as per customer request.
- Standard Cable Duct has cover, please specify no cover if required.

CABLE SUPPORT SYSTEMS



Standard side shape type C1

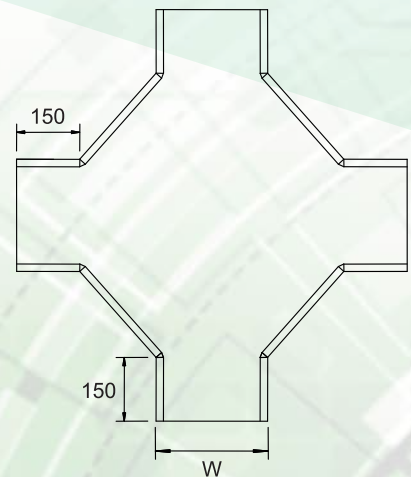
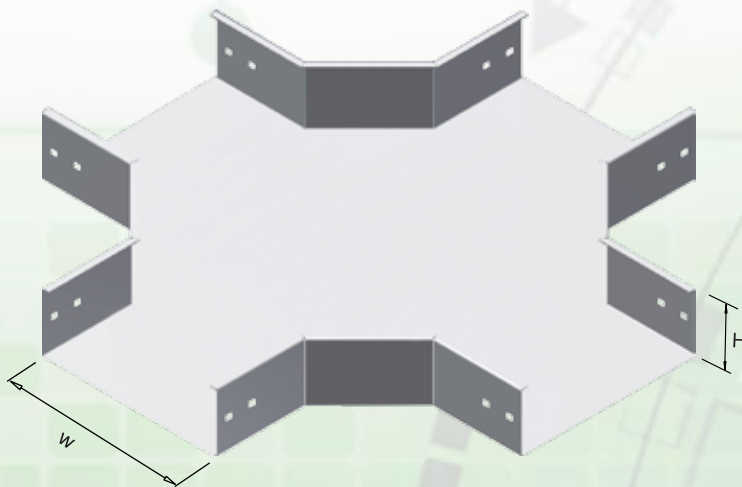
Material : Mild Steel, Stainless Steel Pre-Galvanised,
Standard length : L = 3.0 m
Finish : Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit (L)	Appox.Weight (Kg)
DS-100510	100	50	1.0	3m	5.1
DS-100710	100	70	1.0	3m	6.1
DS-101010	100	100	1.0	3m	7.3
DS-100512	100	50	1.2	3m	6.1
DS-100712	100	70	1.2	3m	7.5
DS-101012	100	100	1.2	3m	9.1
DS-201012	200	100	1.2	3m	11.9
DS-301012	300	100	1.2	3m	14.9
DS-201015	200	100	1.5	3m	15.0
DS-301015	300	100	1.5	3m	18.6
DS-401015	400	100	1.5	3m	22.0
DS-501015	500	100	1.5	3m	25.7
DS-301020	300	100	2.0	3m	24.6
DS-401020	400	100	2.0	3m	29.4
DS-501020	500	100	2.0	3m	34.2
DS-601020	600	100	2.0	3m	39.0
DS-701020	700	100	2.0	3m	43.7
DS-801020	800	100	2.0	3m	48.6
DS-901020	900	100	2.0	3m	53.5
DS-1001020	1000	100	2.0	3m	57.3

Order Code Sample

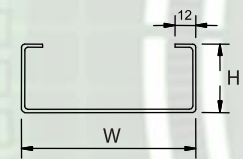
D S - 50 40 10





Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
DX-050410	50	40	1.0	pcs	1.3
DX-050510	50	50	1.0	pcs	1.5
DX-070510	70	50	1.0	pcs	1.7
DX-050412	50	40	1.2	pcs	1.4
DX-050512	50	50	1.2	pcs	1.6
DX-070512	70	50	1.2	pcs	1.8
DX-100512	100	50	1.2	pcs	2.2
DX-100712	100	70	1.2	pcs	3.2
DX-101012	100	100	1.2	pcs	3.7
DX-100515	100	50	1.5	pcs	2.7
DX-100715	100	70	1.5	pcs	3.3
DX-101015	100	100	1.5	pcs	3.9
DX-151015	150	100	1.5	pcs	4.7
DX-201015	200	100	1.5	pcs	5.6
DX-301015	300	100	1.5	pcs	7.5
DX-401015	400	100	1.5	pcs	9.6
DX-501015	500	100	1.5	pcs	12.0
DX-601015	600	100	1.5	pcs	14.6

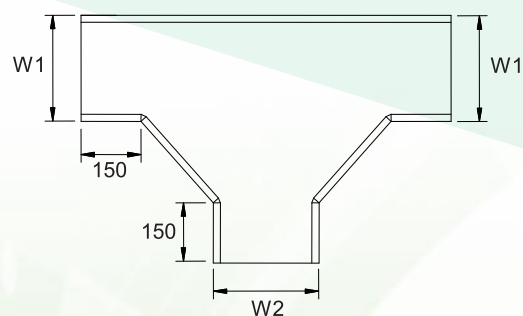
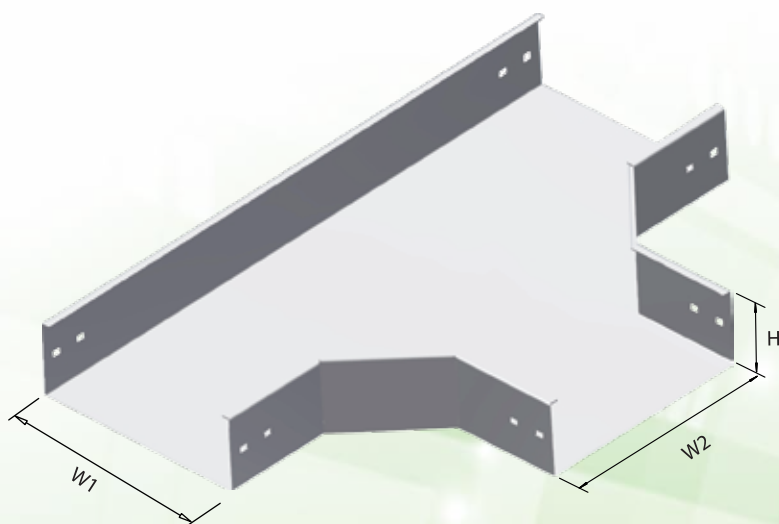


Standard side shape type C1

Order Code Sample

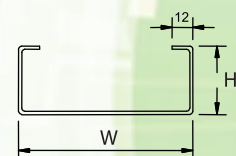
D X - 50 40 10

T : Thickness 1.0mm
 H : Height 40mm
 W : Width 50mm
 X : Cross Type
 D : Cable Duct



Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
DT-050410	50	50 to 1000mm	40	1.0	pcs	0.9	3.15
DT-050510	50		50	1.0	pcs	1.0	3.32
DT-070510	70		50	1.0	pcs	1.2	3.55
DT-050412	50		40	1.2	pcs	1.0	3.78
DT-050512	50		50	1.2	pcs	1.2	3.98
DT-070512	70		50	1.2	pcs	1.4	4.26
DT-100512	100		50	1.2	pcs	1.7	4.66
DT-100712	100		70	1.2	pcs	1.9	5.07
DT-101012	100		100	1.2	pcs	2.4	5.69
DT-100515	100		50	1.5	pcs	2.0	5.82
DT-100715	100		70	1.5	pcs	2.5	6.35
DT-101015	100		100	1.5	pcs	3.0	7.12
DT-151015	150		100	1.5	pcs	3.6	7.97
DT-201015	200		100	1.5	pcs	4.5	8.82
DT-301015	300		100	1.5	pcs	6.0	10.52
DT-401015	400		100	1.5	pcs	7.9	12.22
DT-501015	500		100	1.5	pcs	10.0	13.91
DT-601015	600		100	1.5	pcs	12.5	15.62

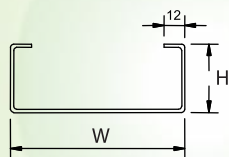
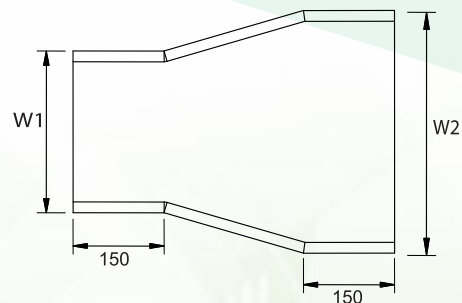
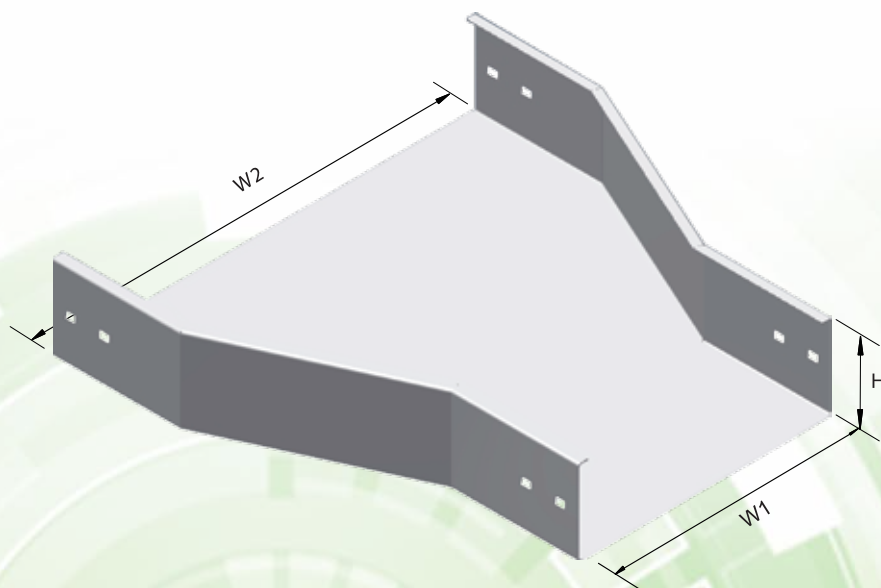


Standard side shape type C1

Order Code Sample

D I - 50 40 10

T : Thickness 1.0mm
 H : Height 40mm
 W : Width 50mm
 T : Tee Type
 D : Cable Duct



Standard side shape type C1

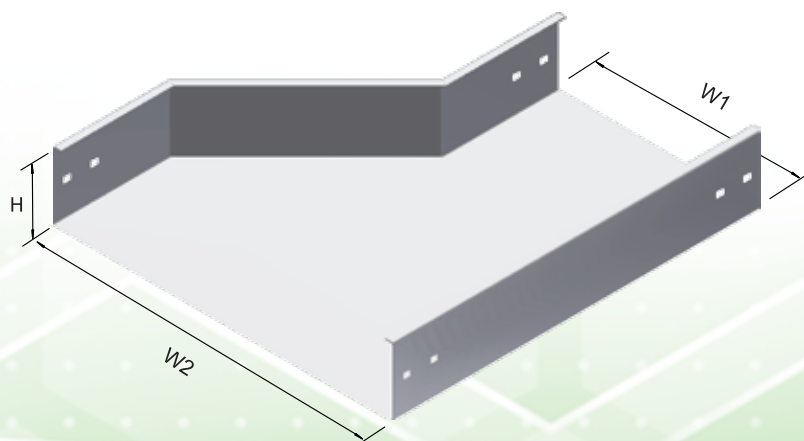
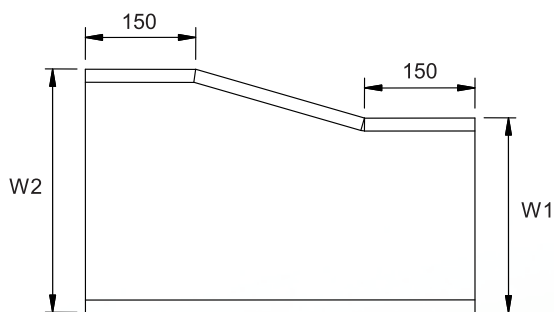
Material Finish

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
DSR-050410	50	50 to 1000mm	40	1.0	pcs	0.41	2.76
DSR-050510	50		50	1.0	pcs	0.47	2.95
DSR-070510	70		50	1.0	pcs	0.48	2.98
DSR-050412	50		40	1.2	pcs	0.50	3.31
DSR-050512	50		50	1.2	pcs	0.56	3.54
DSR-070512	70		50	1.2	pcs	0.58	3.58
DSR-100512	100		50	1.2	pcs	0.72	3.65
DSR-100712	100		70	1.2	pcs	0.81	3.94
DSR-101012	100		100	1.2	pcs	1.02	4.38
DSR-100515	100		50	1.5	pcs	0.89	4.56
DSR-100715	100		70	1.5	pcs	1.02	4.92
DSR-101015	100		100	1.5	pcs	1.28	5.47
DSR-151015	150		100	1.5	pcs	1.47	5.63
DSR-201015	200		100	1.5	pcs	1.81	5.75
DSR-301015	300		100	1.5	pcs	3.62	6.00
DSR-401015	400		100	1.5	pcs	4.27	6.21
DSR-501015	500		100	1.5	pcs	4.92	6.45
DSR-601015	600		100	1.5	pcs	5.56	6.70

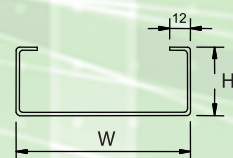
Order Code SampleD SR-50 40 10

- T : Thickness 1.0mm
 H : Height 40mm
 W : Width 50mm
 SR : Straight Reducer
 D : Cable Duct



Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
DRR-050410	50	50 to 1000mm	40	1.0	pcs	0.9	2.89
DRR-050510	50		50	1.0	pcs	1.0	3.07
DRR-070510	70		50	1.0	pcs	1.1	3.11
DRR-050412	50		40	1.2	pcs	1.0	3.27
DRR-050512	50		50	1.2	pcs	1.2	3.69
DRR-070512	70		50	1.2	pcs	1.3	3.73
DRR-100512	100		50	1.2	pcs	1.5	3.79
DRR-100712	100		70	1.2	pcs	1.7	4.15
DRR-101012	100		100	1.2	pcs	1.9	4.61
DRR-100515	100		50	1.5	pcs	1.8	4.90
DRR-100715	100		70	1.5	pcs	2.0	5.19
DRR-101015	100		100	1.5	pcs	2.3	5.76
DRR-151015	150		100	1.5	pcs	2.8	5.86
DRR-201015	200		100	1.5	pcs	3.3	5.97
DRR-301015	300		100	1.5	pcs	3.6	6.18
DRR-401015	400		100	1.5	pcs	4.0	6.39
DRR-501015	500		100	1.5	pcs	4.6	6.61
DRR-601015	600		100	1.5	pcs	5.5	6.83



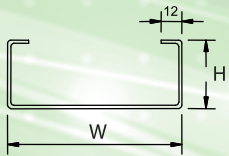
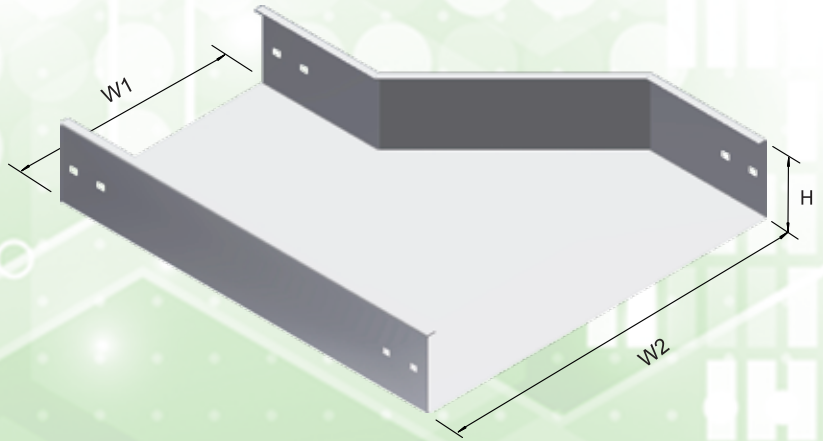
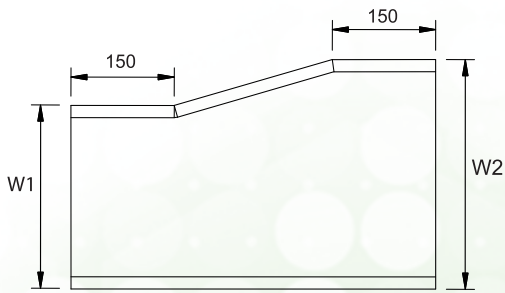
Standard side shape type C1

Order Code Sample

D RR -50 40 10

T : Thickness 1.0mm
 H : Height 40mm
 W : Width 50mm
 RR : Right hand Reducer
 D : Cable Duct

CABLE SUPPORT SYSTEMS



Standard side shape type C1

Material
Finish

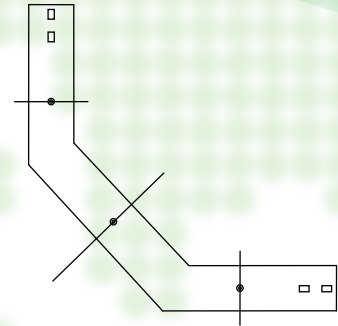
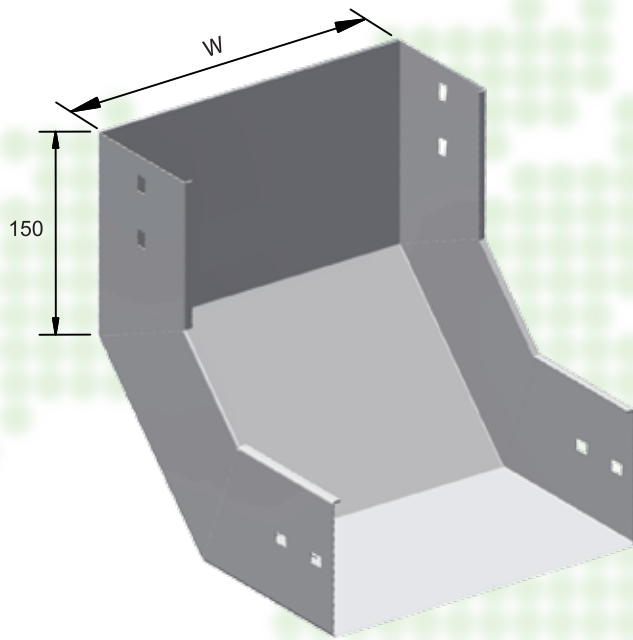
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
DLR-050410	50	50 to 1000mm	40	1.0	pcs	0.43	2.89
DLR-050510	50		50	1.0	pcs	0.48	3.07
DLR-070510	70		50	1.0	pcs	0.49	3.11
DLR-050412	50		40	1.2	pcs	0.52	3.27
DLR-050512	50		50	1.2	pcs	0.57	3.69
DLR-070512	70		50	1.2	pcs	0.59	3.73
DLR-100512	100		50	1.2	pcs	0.82	3.79
DLR-100712	100		70	1.2	pcs	0.95	4.15
DLR-101012	100		100	1.2	pcs	1.17	4.61
DLR-100515	100		50	1.5	pcs	1.02	4.90
DLR-100715	100		70	1.5	pcs	1.19	5.19
DLR-101015	100		100	1.5	pcs	1.47	5.76
DLR-151015	150		100	1.5	pcs	4.53	5.86
DLR-201015	200		100	1.5	pcs	3.02	5.97
DLR-301015	300		100	1.5	pcs	3.68	6.18
DLR-401015	400		100	1.5	pcs	4.33	6.39
DLR-501015	500		100	1.5	pcs	4.98	6.61
DLR-601015	600		100	1.5	pcs	5.63	6.83

Order Code Sample

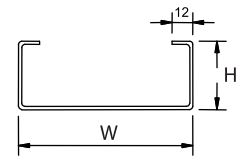
D LR -50 40 10

T : Thickness 1.0mm
 H : Height 40mm
 W : Width 50mm
 LR : Left hand Reducer
 D : Cable Duct



Material Finish : Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

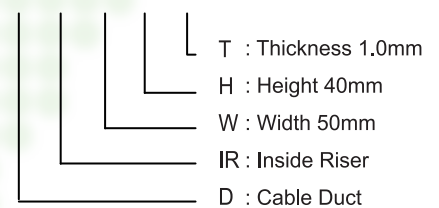
Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
DIR-050410	50	40	1.0	pcs	0.7
DIR-050510	50	50	1.0	pcs	0.8
DIR-070510	70	50	1.0	pcs	0.9
DIR-050412	50	40	1.2	pcs	0.8
DIR-050512	50	50	1.2	pcs	0.9
DIR-070512	70	50	1.2	pcs	1.0
DIR-100512	100	50	1.2	pcs	1.2
DIR-100712	100	70	1.2	pcs	1.4
DIR-101012	100	100	1.2	pcs	1.8
DIR-100515	100	50	1.5	pcs	1.5
DIR-100715	100	70	1.5	pcs	1.8
DIR-101015	100	100	1.5	pcs	2.2
DIR-151015	150	100	1.5	pcs	2.6
DIR-201015	200	100	1.5	pcs	3.0
DIR-301015	300	100	1.5	pcs	3.6
DIR-401015	400	100	1.5	pcs	4.5
DIR-501015	500	100	1.5	pcs	5.3
DIR-601015	600	100	1.5	pcs	6.1

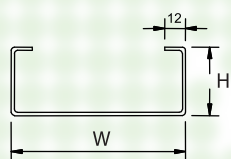
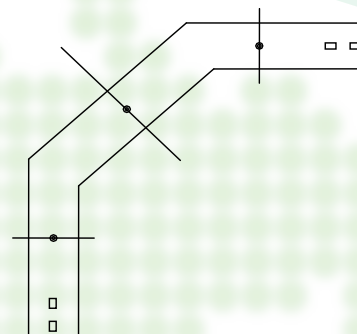
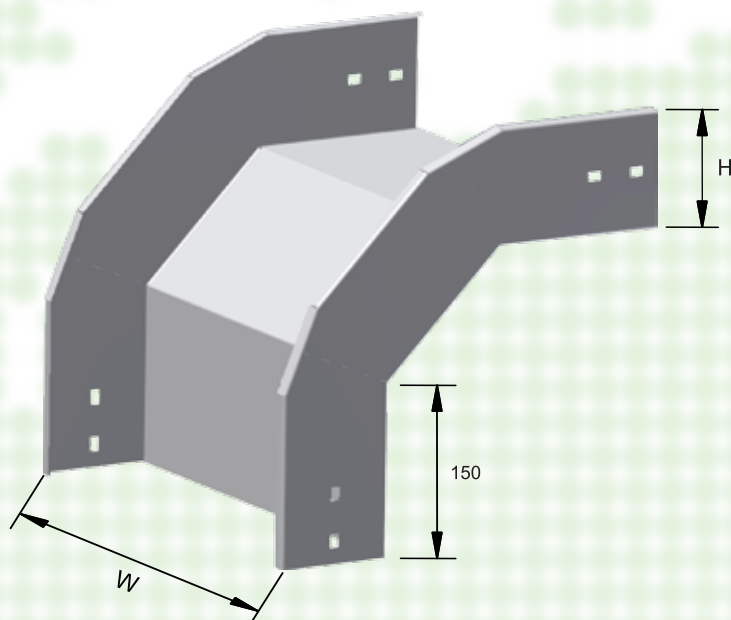


Standard side shape type C1

Order Code Sample

D IR - 50 40 10





Standard side shape type C1

Material Finish

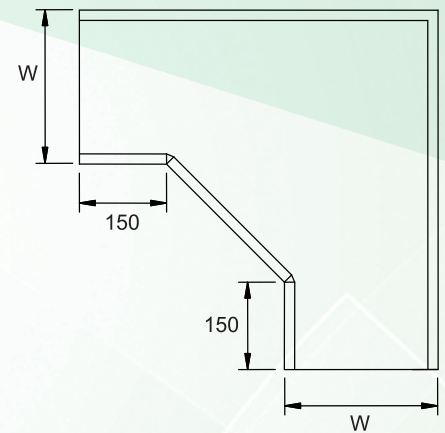
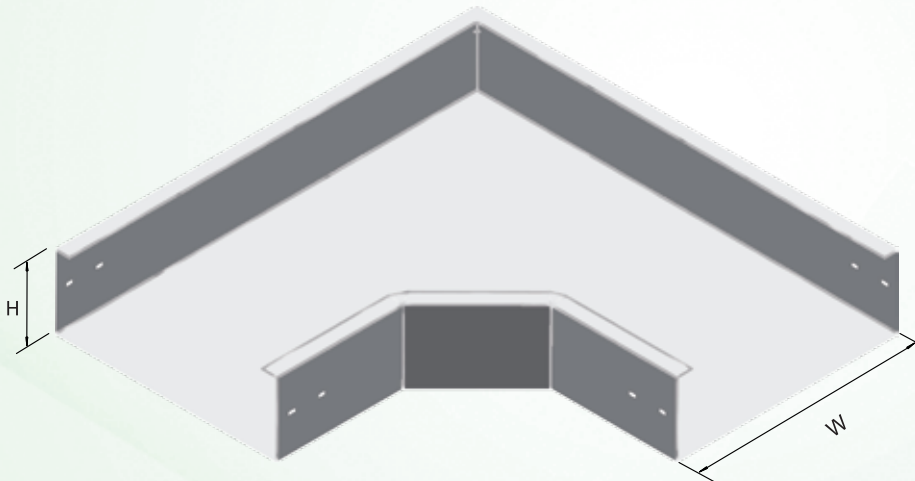
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
DOR-050410	50	40	1.0	pcs	0.7
DOR-050510	50	50	1.0	pcs	0.8
DOR-070510	70	50	1.0	pcs	0.9
DOR-050412	50	40	1.2	pcs	0.8
DOR-050512	50	50	1.2	pcs	0.9
DOR-070512	70	50	1.2	pcs	1.0
DOR-100512	100	50	1.2	pcs	1.2
DOR-100712	100	70	1.2	pcs	1.4
DOR-101012	100	100	1.2	pcs	1.8
DOR-100515	100	50	1.5	pcs	1.5
DOR-100715	100	70	1.5	pcs	1.8
DOR-101015	100	100	1.5	pcs	2.2
DOR-151015	150	100	1.5	pcs	2.6
DOR-201015	200	100	1.5	pcs	3.0
DOR-301015	300	100	1.5	pcs	3.6
DOR-401015	400	100	1.5	pcs	4.5
DOR-501015	500	100	1.5	pcs	5.3
DOR-601015	600	100	1.5	pcs	6.1

Order Code Sample

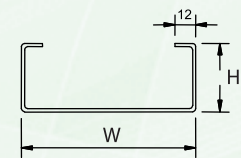
D OR-10 10 10





Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
DE-050410	50	40	1.0	pcs	0.7
DE-050510	50	50	1.0	pcs	0.8
DE-070510	70	50	1.0	pcs	1.0
DE-050412	50	40	1.2	pcs	0.8
DE-050512	50	50	1.2	pcs	0.9
DE-070512	70	50	1.2	pcs	1.0
DE-100512	100	50	1.2	pcs	1.3
DE-100712	100	70	1.2	pcs	1.5
DE-101012	100	100	1.2	pcs	1.9
DE-100515	100	50	1.5	pcs	1.6
DE-100715	100	70	1.5	pcs	1.9
DE-101015	100	100	1.5	pcs	2.4
DE-151015	150	100	1.5	pcs	3.0
DE-201015	200	100	1.5	pcs	3.6
DE-301015	300	100	1.5	pcs	5.1
DE-401015	400	100	1.5	pcs	6.7
DE-501015	500	100	1.5	pcs	8.7
DE-601015	600	100	1.5	pcs	10.8



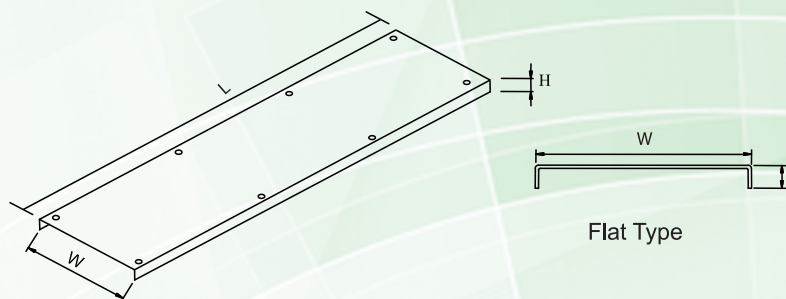
Standard side shape type C1

Order Code Sample

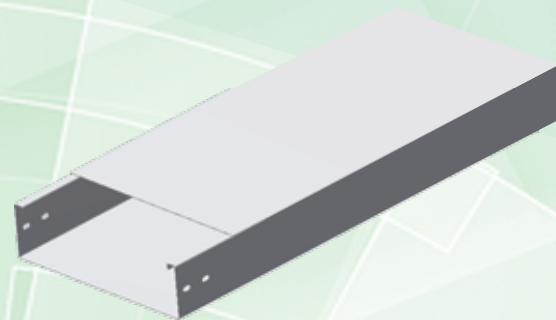
D E -50 40 10

T : Thickness 1.0mm
 H : Height 40mm
 W : Width 50mm
 E : 90° Elbow Type
 D : Cable Duct

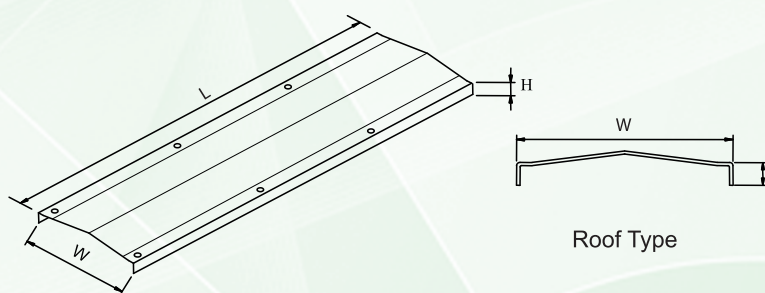
CABLE SUPPORT SYSTEMS



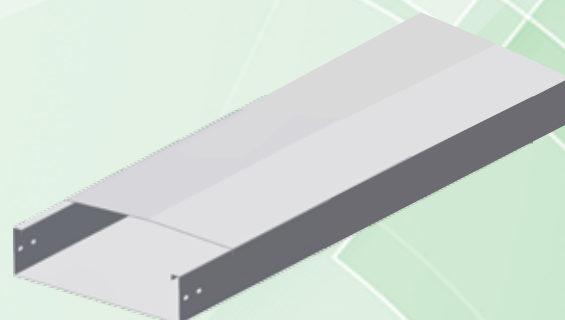
Flat Type



Cable Duct with Cover



Roof Type



Cable Duct with Cover

Material
Finish

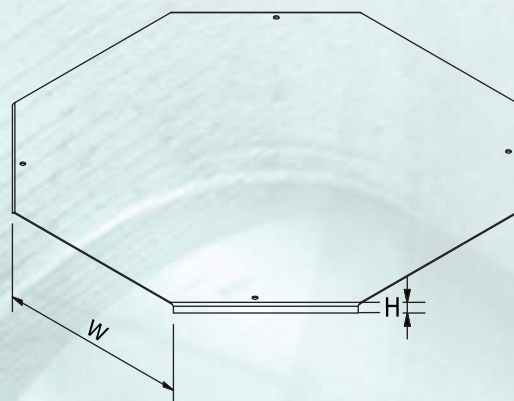
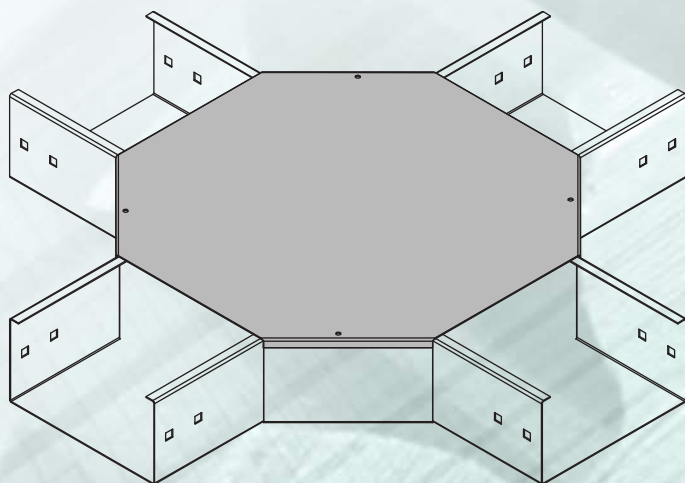
: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
CS-050812	50	8	1.2	3m	2.5
CS-070815	70	8	1.5	3m	3.7
CS-101015	100	10	1.5	3m	4.8
CS-151015	150	10	1.5	3m	6.6
CS-201015	200	10	1.5	3m	8.3
CS-251015	250	10	1.5	3m	10.1
CS-301020	300	10	2.0	3m	15.5
CS-351020	350	10	2.0	3m	18.0
CS-401020	400	10	2.0	3m	20.5
CS-501020	500	10	2.0	3m	25.0
CS-601520	600	15	2.0	3m	29.7
CS-701520	700	15	2.0	3m	34.9
CS-801520	800	15	2.0	3m	39.5
CS-901520	900	15	2.0	3m	44.5
CS-1001520	1000	15	2.0	3m	48.5

Order Code Sample

C S - 50 P

P : Finish (Powder Coated)
W1: Width 50 mm
S : Straight Type
C : Cover

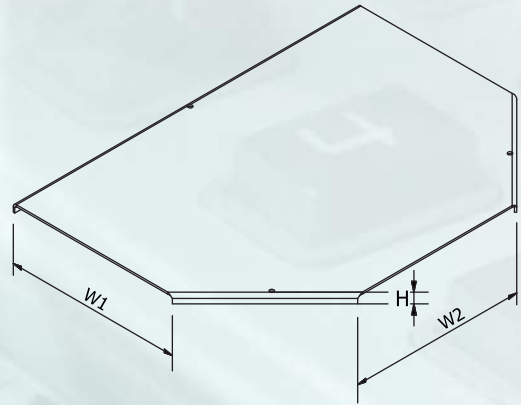
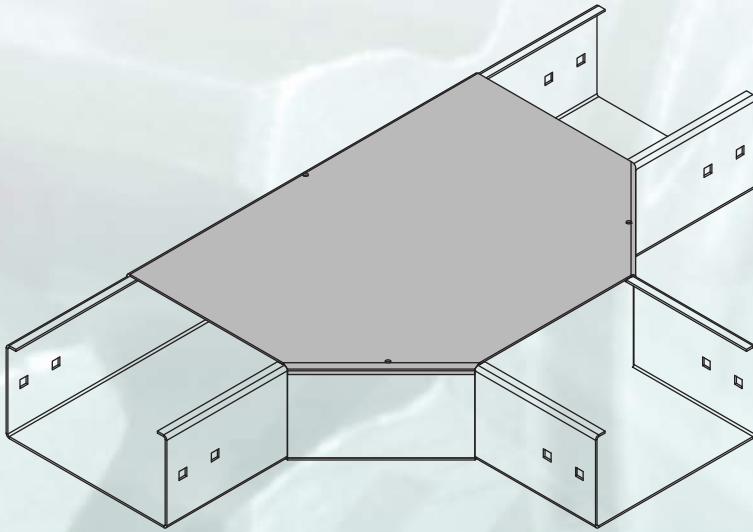


Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
CX-050812	50	8	1.2	pcs	1.2
CX-050815	50	8	1.5	pcs	1.5
CX-070815	70	8	1.5	pcs	2.2
CX-101015	100	10	1.5	pcs	2.5
CX-151015	150	10	1.5	pcs	3.1
CX-201015	200	10	1.5	pcs	3.6
CX-251015	250	10	2.0	pcs	4.2
CX-301020	300	10	2.0	pcs	4.8
CX-351020	350	10	2.0	pcs	5.6
CX-401020	400	10	2.0	pcs	7.0
CX-501020	500	10	2.0	pcs	8.0
CX-601520	600	15	2.0	pcs	12.0
CX-701520	700	15	2.0	pcs	15.0
CX-801520	800	15	2.0	pcs	17.5
CX-901520	900	15	2.0	pcs	21.0
CX-1001520	1000	15	2.0	pcs	25.5

Order Code Sample

C X-50 _
 W2 : Width 2 (in mm)
 W1 : Width 50 mm
 X : Cross Type
 C : Cover



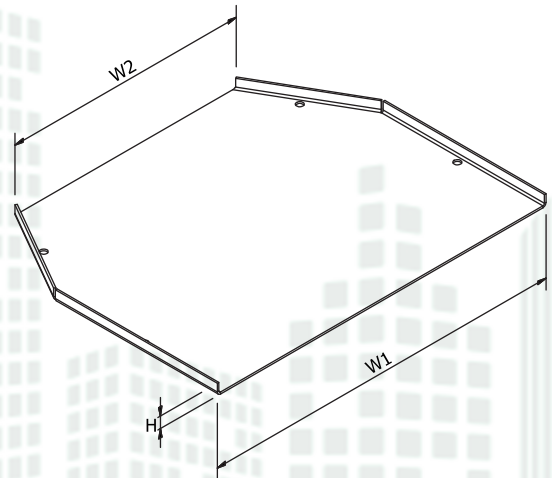
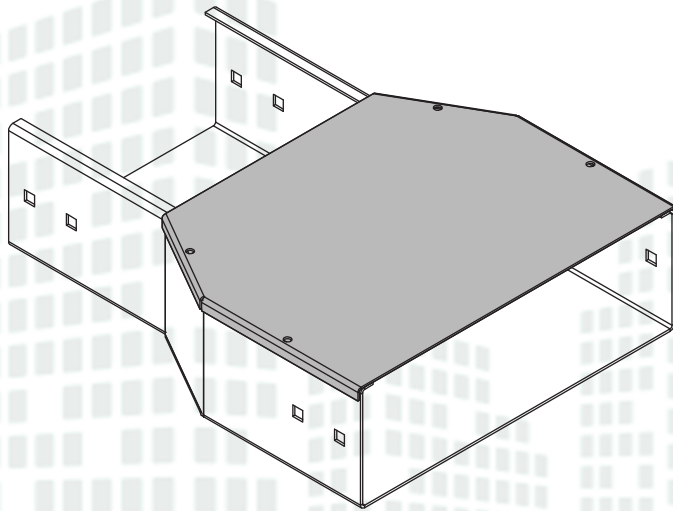
**Material
Finish**

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Approx.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
CT-050812	50	50 to 1000mm	8	1.2	pcs	0.40	1.83
CT-050815	50		8	1.5	pcs	0.49	2.29
CT-070815	75		8	1.5	pcs	0.54	2.63
CT-101015	100		10	1.5	pcs	0.71	3.02
CT-151015	150		10	1.5	pcs	0.78	3.75
CT-201015	200		10	1.5	pcs	0.89	4.47
CT-251015	250		10	1.5	pcs	1.06	5.20
CT-301020	300		10	2.0	pcs	1.63	7.88
CT-351020	350		10	2.0	pcs	1.84	8.84
CT-401020	400		10	2.0	pcs	2.04	9.79
CT-501020	500		10	2.0	pcs	2.47	11.71
CT-601520	600		15	2.0	pcs	2.95	13.75
CT-701520	700		15	2.0	pcs	3.37	15.67
CT-801520	800		15	2.0	pcs	3.79	17.58
CT-901520	900		15	2.0	pcs	4.22	19.67
CT-1001520	1000		15	2.0	pcs	4.65	21.43

Order Code Sample

C **T**- **50** **_**
 W2 : Width 2 (in mm)
 W1 : Width 50 mm
 T : Tee Type
 C : Cover



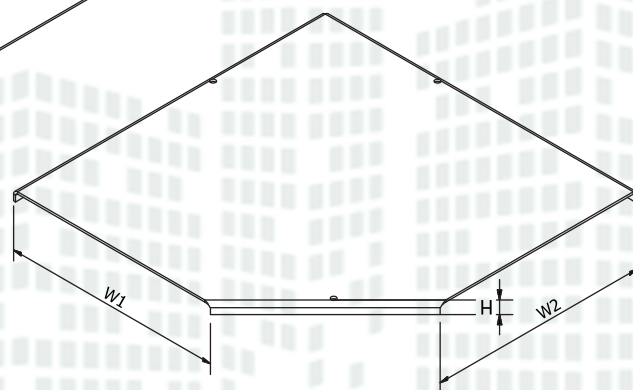
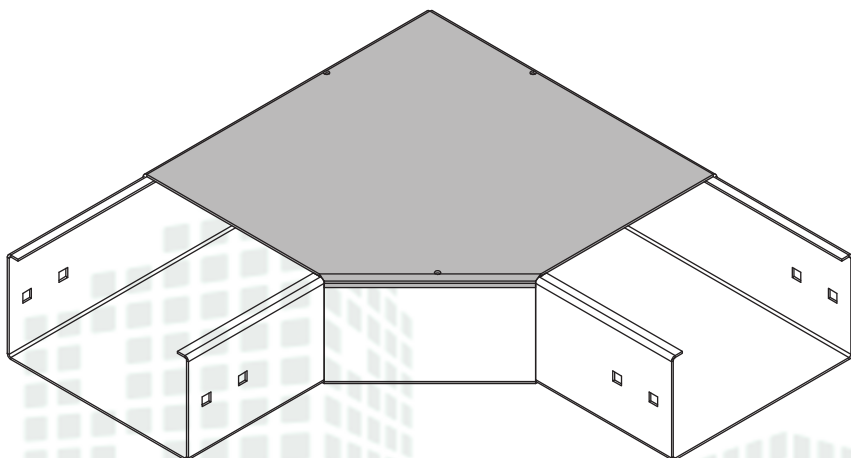
Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
CSR-050812	50	50 to 1000mm	8	1.2	pcs	0.6	2.82
CSR-050815	50		8	1.5	pcs	0.7	3.52
CSR-070815	75		8	1.5	pcs	0.8	3.60
CSR-101015	100		10	1.5	pcs	1.0	3.72
CSR-151015	150		10	1.5	pcs	1.2	3.88
CSR-201015	200		10	1.5	pcs	1.6	4.03
CSR-251015	250		10	1.5	pcs	2.0	4.20
CSR-301020	300		10	2.0	pcs	2.8	5.80
CSR-351020	350		10	2.0	pcs	3.6	6.01
CSR-401020	400		10	2.0	pcs	4.2	6.23
CSR-501020	500		10	2.0	pcs	4.8	6.65
CSR-601520	600		15	2.0	pcs	5.3	7.07
CSR-701520	700		15	2.0	pcs	5.9	7.51
CSR-801520	800		15	2.0	pcs	6.8	7.93
CSR-901520	900		15	2.0	pcs	7.4	8.44

Order Code Sample

C SR- 50

W2: Width 2 (in mm)
W1: Width 50 mm
SR: Straight Reducer
C : Cover



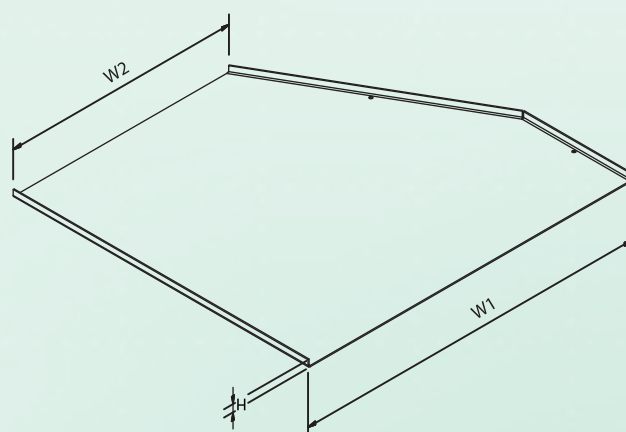
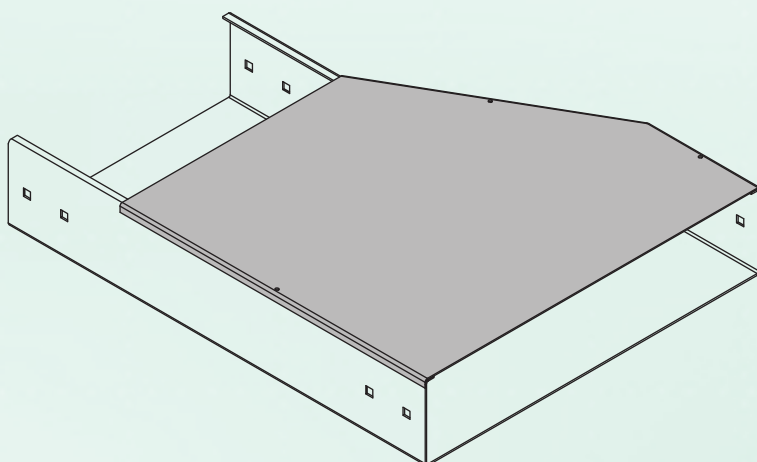
Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
CE-050812	50	50 to 1000mm	8	1.2	pcs	0.3	1.8
CE-070815	70		8	1.5	pcs	0.4	2.5
CE-101015	100		10	1.5	pcs	0.5	2.9
CE-151015	150		10	1.5	pcs	0.6	3.6
CE-201015	200		10	1.5	pcs	0.7	4.2
CE-251015	250		10	1.5	pcs	0.8	4.8
CE-301020	300		10	2.0	pcs	0.9	7.3
CE-351020	350		10	2.0	pcs	1.1	8.2
CE-401020	400		10	2.0	pcs	1.3	9.1
CE-501020	500		10	2.0	pcs	1.6	10.9
CE-601520	600		15	2.0	pcs	1.8	12.5
CE-701520	700		15	2.0	pcs	2.1	14.4
CE-801520	800		15	2.0	pcs	2.4	16.2
CE-901520	900		15	2.0	pcs	2.6	17.9
CE-1001520	1000		15	2.0	pcs	2.9	19.7

Order Code Sample

C E - 50 _

W2 : Width 2 (in mm)
W1 : Width 50 mm
E : 90° Elbow Type
C : Cover



Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

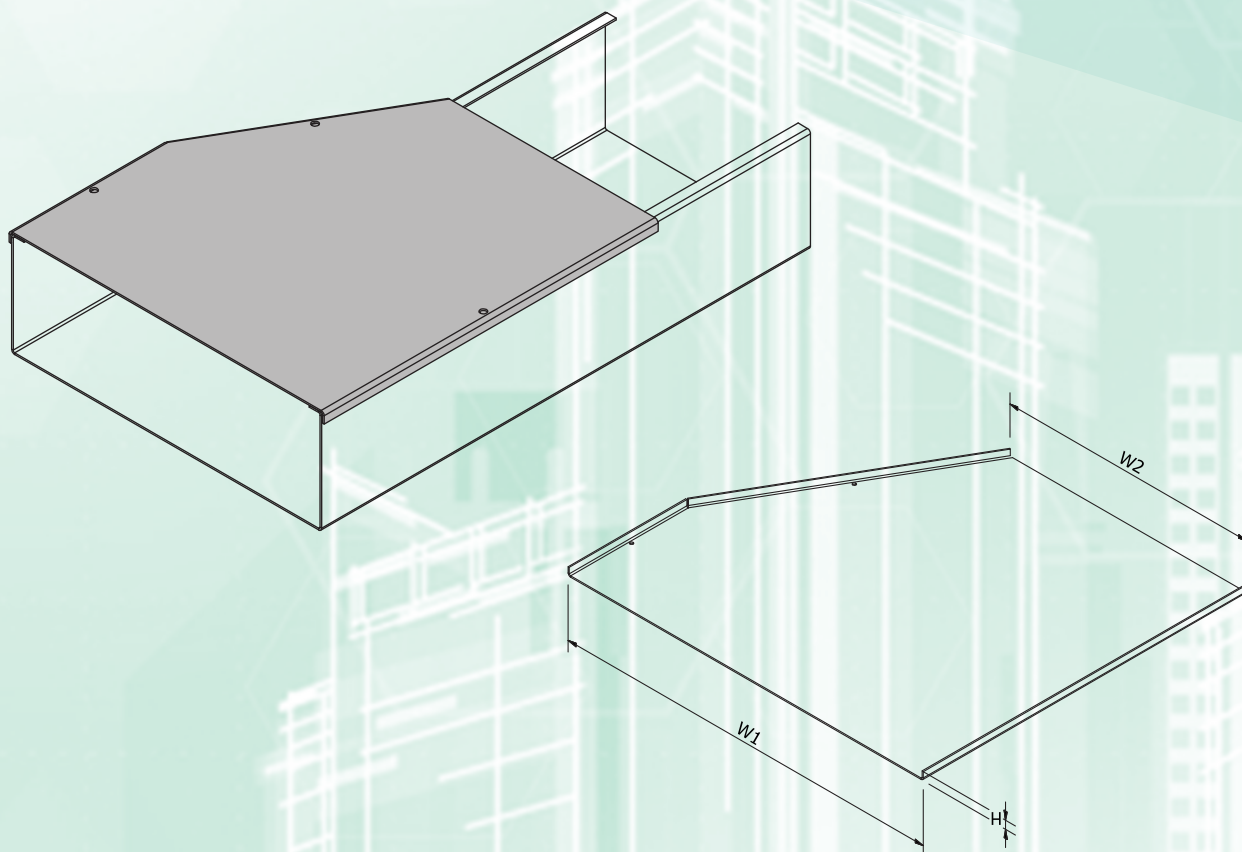
Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
CLR-050812	50	50 to 1000mm	8	1.2	pcs	0.6	3.32
CLR-050815	50		8	1.5	pcs	0.7	4.14
CLR-070815	75		8	1.5	pcs	0.8	4.21
CLR-101015	100		10	1.5	pcs	1.0	4.31
CLR-151015	150		10	1.5	pcs	1.2	4.44
CLR-201015	200		10	1.5	pcs	1.6	4.56
CLR-251015	250		10	1.5	pcs	2.0	4.69
CLR-301020	300		10	2.0	pcs	2.8	6.42
CLR-351020	350		10	2.0	pcs	3.6	6.59
CLR-401020	400		10	2.0	pcs	4.2	6.75
CLR-501020	500		10	2.0	pcs	4.8	7.10
CLR-601520	600		15	2.0	pcs	5.3	7.46
CLR-701520	700		15	2.0	pcs	5.9	7.86
CLR-801520	800		15	2.0	pcs	6.8	8.20
CLR-901520	900		15	2.0	pcs	7.4	8.54

Order Code Sample

C LR- 50



W2 : Width 2 (in mm)
W1 : Width 50 mm
LR : Left hand Reducer
C : Cover


**Material
Finish**

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W1-mm)	Width (W2-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)	
						Width min W1-50mm	Width max W2-1000mm
CRR-050812	50	50 to 1000mm	8	1.2	pcs	0.6	3.32
CRR-050815	50		8	1.5	pcs	0.7	4.14
CRR-070815	75		8	1.5	pcs	0.8	4.21
CRR-101015	100		10	1.5	pcs	1.0	4.31
CRR-151015	150		10	1.5	pcs	1.2	4.44
CRR-201015	200		10	1.5	pcs	1.6	4.56
CRR-251015	250		10	1.5	pcs	2.0	4.69
CRR-301020	300		10	2.0	pcs	2.8	6.42
CRR-351020	350		10	2.0	pcs	3.6	6.59
CRR-401020	400		10	2.0	pcs	4.2	6.75
CRR-501020	500		10	2.0	pcs	4.8	7.10
CRR-601520	600		15	2.0	pcs	5.3	7.46
CRR-701520	700		15	2.0	pcs	5.9	7.86
CRR-801520	800		15	2.0	pcs	6.8	8.20
CRR-901520	900		15	2.0	pcs	7.4	8.54

Order Code Sample

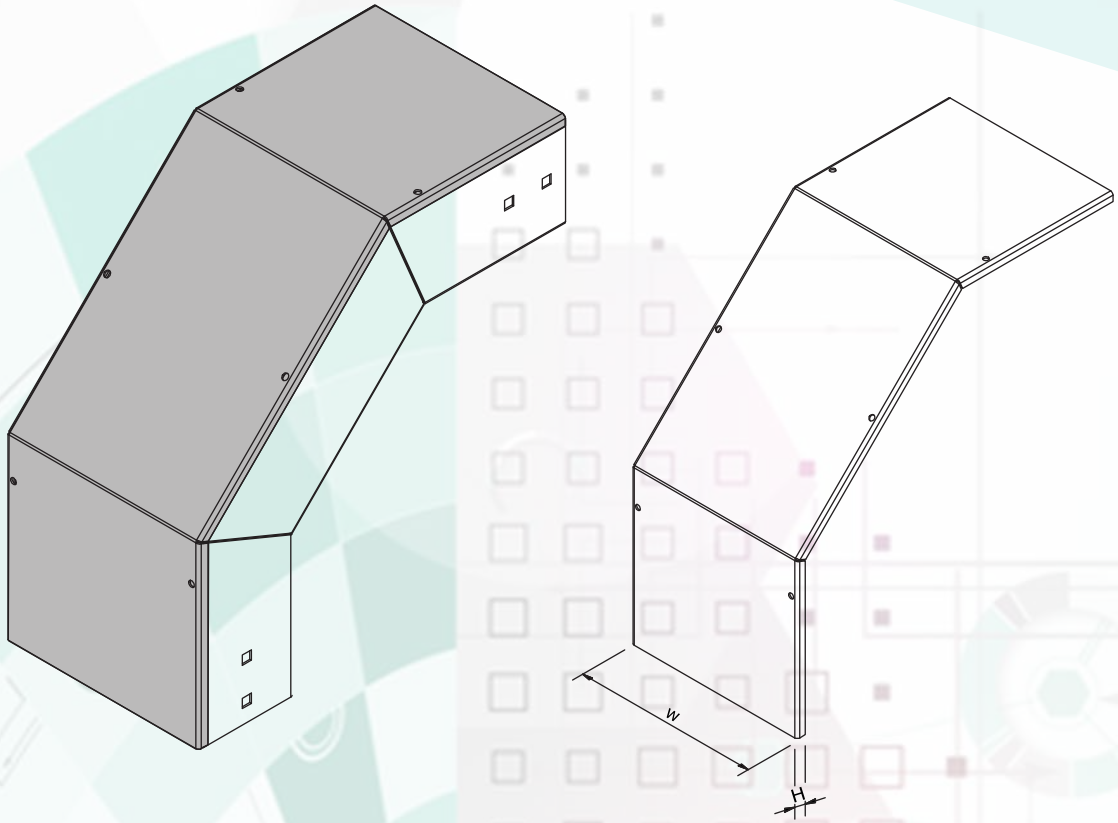
C RR-50 _

W2: Width 2 (in mm)

W1: Width 50 mm

RR: Right hand Reducer

C : Cover

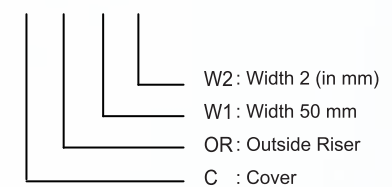


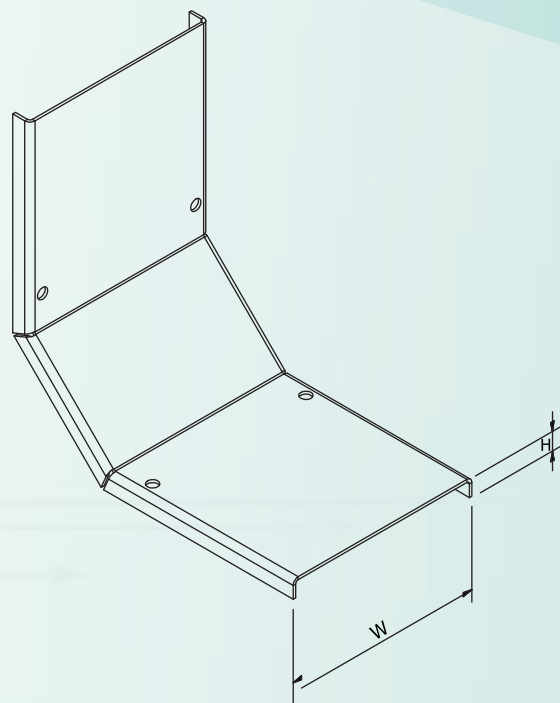
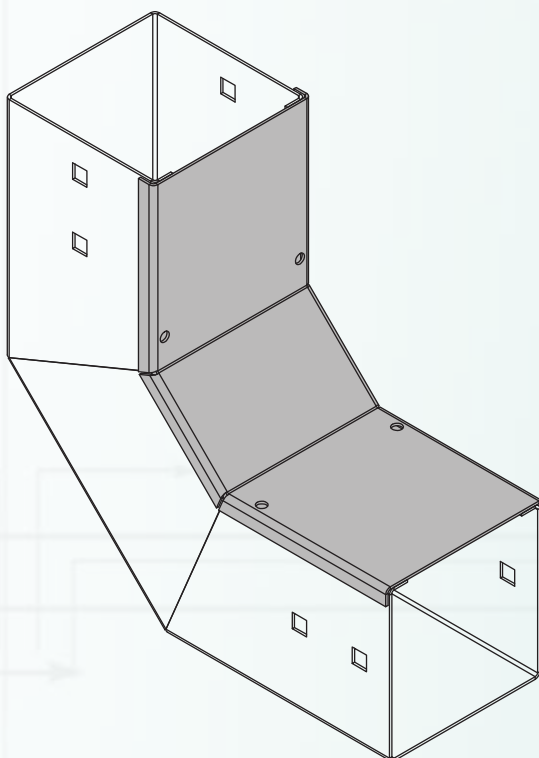
Material : Mild Steel, Stainless Steel Pre-Galvanised,
Finish : Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
COR-050812	50	8	1.2	pcs	0.6
COR-050815	50	8	1.5	pcs	0.7
COR-070815	70	8	1.5	pcs	0.9
COR-101015	100	10	1.5	pcs	1.2
COR-151015	150	10	1.5	pcs	1.5
COR-201015	200	10	1.5	pcs	2.0
COR-251015	250	10	1.5	pcs	2.3
COR-301020	300	10	2.0	pcs	2.6
COR-351020	350	10	2.0	pcs	3.0
COR-401020	400	10	2.0	pcs	3.4
COR-501020	500	10	2.0	pcs	3.8
COR-601520	600	15	2.0	pcs	4.5
COR-701520	700	15	2.0	pcs	4.9
COR-801520	800	15	2.0	pcs	5.3
COR-901520	900	15	2.0	pcs	6.0
COR-1001520	1000	15	2.0	pcs	6.5

Order Code Sample

C OR-50 _



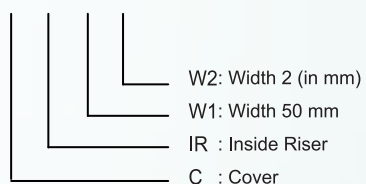

**Material
Finish**

: Mild Steel, Stainless Steel Pre-Galvanised,
: Powder coated or Hot dip galvanized

Code	Width (W-mm)	Height (H-mm)	Thickness (T-mm)	Unit	Appox.Weight (Kg)
CIR-050812	50	8	1.2	pcs	0.6
CIR-050815	50	8	1.5	pcs	0.7
CIR-070815	70	8	1.5	pcs	0.9
CIR-101015	100	10	1.5	pcs	1.2
CIR-151015	150	10	1.5	pcs	1.5
CIR-201015	200	10	1.5	pcs	2.0
CIR-251015	250	10	1.5	pcs	2.3
CIR-301020	300	10	2.0	pcs	2.6
CIR-351020	350	10	2.0	pcs	3.0
CIR-401020	400	10	2.0	pcs	3.4
CIR-501020	500	10	2.0	pcs	3.8
CIR-601520	600	15	2.0	pcs	4.5
CIR-701520	700	15	2.0	pcs	4.9
CIR-801520	800	15	2.0	pcs	5.3
CIR-901520	900	15	2.0	pcs	6.0
CIR-1001520	1000	15	2.0	pcs	6.5

Order Code Sample

C IR- 50 _



CABLE SUPPORT SYSTEMS

The following outlines general mounting and selection method for your convenience from our experience.

1. Cable Tray Selection




(1) Selection for width size

Determining the tray width to use measuring the following:

- + Outside diameter of cables
- + Number of cable threads
- + Cable weight
- + Total weight of cables
- + Cable bend radius
- + Extra space for installation work

Calculation example:

Trays are available in units of 200 mm to 1200 mm for width, and a calculation example is shown below:

CV 22 x 3C	 22mm OD
CV 38 x 3C	 26mm OD
CV 100 x 3C	 42mm OD

Cable types and number of threads:

5 run of CV 22 x 3C
 = Outside diameter 22 x 5 = 110 mm
 3 run of CV 38 x 3C
 = Outside diameter 26 x 3 = 78 mm
 1 run of CV 100 x 3C
 = Outside diameter 42 x 1 = 42 mm

Total 230 mm

Add a coefficient allowing 15% spare.

230 x 1.15 = 264.5mm

Use trays of 300mm width

(2) Material & Finish

The atmospheric condition which prevails at the job-site is a primary factor in the selection of material and finish. In general selection is as follows:

- * Stainless Steel Sheet.
- * Hot-Dipped Galvanized
- * Electrode Powder Coating
- * Pre-Galvanized Steel Sheet

A. MOUNTING AND TYPE SELECTION

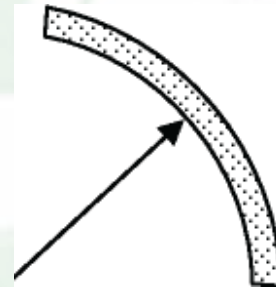
2. Supporting distance and accumulated cable weight

Cable Tray standard supporting distance is 1.5m to 2m. Refer to the allowable static load table when mounting cable tray in wider distances. Use high strength types for holding heavy weight cables.

3. Protection of cables

Cable Tray cables are less exposed. It provides neat and tidy plus safer cable management. Cable Tray width selection is important to avoid cables being stacked on top of each other and future expansion and additional cable runs needed and can create a electrical danger issue. If cable tray cannot fit all the cables to be mounted, selection a tray size that has a higher side rails. At locations close to the road where people walk frequently covers need to be added for safety.

4. Cable bending



* Cable bending.
 Depending to suport
 How big OD cable to be suport

Recomend table

Cable out side OD<100	100<OD<160
R = 400mm	R = 600mm

B. CABLE TRAY TYPE SELECTION

The engineer or designer should select the type of cable tray that has the features which best serve the project's requirements.

HTEC is a manufacture of high performance, cost-effective cable support system, our fast response manufacturing enable you to meet your most challenging design and delivery requirements.

Our products are supplied in a variety of sizes, designs and finishes, and all meet exacting industry, and load standards. Choose from and extensive range cable ladder, cable ducting and trunking systems with typical materials offered in mill-galvanized steel, hot-dipped galvanized steel, stainless steel and powder coated.

QUATEST 3
TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3
QUALITY ASSURANCE & TESTING CENTER 3

KT3-0005BCKN/1 PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT 14/01/2019
Page 01/02

1. Tên mẫu: THANG CÁP W 600 x H 150 x L 2 mm x L 3 000 mm
2. Số lượng mẫu: 01
3. Mô tả mẫu: Mẫu là thang cáp W 600 x H 150 x L 2 x L 3 000 mm
The as-received sample is cable ladder
4. Ngày nhận mẫu: 04/01/2019
5. Ngày thử nghiệm: 14/01/2019
6. Nơi gửi mẫu: CÔNG TY CỔ PHẦN HỒNG THỊNH
Lô B2-52 KCN Tân Bình Hiệp B, Dĩ An, Bình Dương
7. Phương pháp thử: NEMA VE 1 - 2017, TCVN 5878:2007
8. Kết quả thử nghiệm: Xem trang 02/02
See page

F. TRƯỞNG PHÒNG CƠ KHÍ
DEPUTY HEAD OF MECHANICAL TESTING LAB.

TL. GIÁM ĐỐC / PP. DIRECTOR
TRƯỞNG PHÒNG THỬ NGHIỆM
HEAD OF TESTING LAB.

Phạm Văn Chi Nguyễn Tấn Tùng

1. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
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Liên lạc đến: 0903.877.000 (Hotline) 0903.877.000 (Hotline) 0903.877.000 (Hotline)

QUATEST 3
TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3
QUALITY ASSURANCE & TESTING CENTER 3

KT3-0005BCKN/1 PHIẾU KẾT QUẢ THỬ NGHIỆM
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9. Kết quả thử nghiệm / Test results

Tên chỉ tiêu / Specification	Kết quả thử nghiệm / Test result
A. THỬ LẬP PHÚC CHÁNH TEST	
9.1. Chiều dày trung bình lớp phủ / Average of coating thickness	µm 75
B. THỬ TẢI TỌA ĐỘ TEST	
9.2. Chiều dài mẫu thử / Length of specimen	mm 3 000
9.3. Khoảng cách giữa 2 gờ đỡ (L) / Span between the 2 supports	mm 2 400
9.4. Tải trọng thử cấp BC (W) / Test load	kg/tn 149
9.5. Phương pháp đặt tải theo NEMA VE 1 - 2017 / Load application method	A
9.6. Độ võng lớn nhất ở mức tải (W) x (L) / Maximum deflection for the rated load	kgf 1,2
9.7. Kết quả thử / Test result	Không hỏng / Endamaged
9.8. Nhận xét kết quả thử nghiệm theo cấp BC / Comment on test result to class BC - NEMA VE 1 - 2017	Phù hợp / Conform

Ghi chú/Note: Tổng tải trọng thử / Total test load - T = 534 kgf
 $T = 1,3 \times 1,00 \times W \text{ (kgf)}$



QUATEST 3
TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3
QUALITY ASSURANCE & TESTING CENTER 3

Liên lạc đến: 0903.877.000 (Hotline) 0903.877.000 (Hotline) 0903.877.000 (Hotline)

QUATEST 3
TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3
QUALITY ASSURANCE & TESTING CENTER 3

KT3-0005BCKN/2 PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT 14/01/2019
Page 01/02

1. Tên mẫu: THANG CÁP W 600 x H 150 x L 2 mm x L 3 000 mm
2. Số lượng mẫu: 01
3. Mô tả mẫu: Mẫu là thang cáp W 600 x H 150 x L 2 x L 3 000 mm
The as-received sample is cable ladder
4. Ngày nhận mẫu: 04/01/2019
5. Ngày thử nghiệm: 14/01/2019
6. Nơi gửi mẫu: CÔNG TY CỔ PHẦN HỒNG THỊNH
Lô B2-52 KCN Tân Bình Hiệp B, Dĩ An, Bình Dương
7. Phương pháp thử: NEMA VE 1 - 2017, TCVN 5878:2007
8. Kết quả thử nghiệm: Xem trang 02/02
See page

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2. Những thay đổi được thực hiện đối với các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
3. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
4. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
5. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
6. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
7. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
8. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
9. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.
10. Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm: Các tài liệu áp dụng để thực hiện thử nghiệm và/hoặc để đánh giá kết quả thử nghiệm.

Liên lạc đến: 0903.877.000 (Hotline) 0903.877.000 (Hotline) 0903.877.000 (Hotline)

QUATEST 3
TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3
QUALITY ASSURANCE & TESTING CENTER 3

KT3-0005BCKN/2 PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT 14/01/2019
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9. Kết quả thử nghiệm / Test results

Tên chỉ tiêu / Specification	Kết quả thử nghiệm / Test result
A. THỬ LẬP PHÚC CHÁNH TEST	
9.1. Chiều dày trung bình lớp phủ / Average of coating thickness	µm 70
B. THỬ TẢI TỌA ĐỘ TEST	
9.2. Chiều dài mẫu thử / Length of specimen	mm 3 000
9.3. Khoảng cách giữa 2 gờ đỡ (L) / Span between the 2 supports	mm 2 400
9.4. Tải trọng thử cấp BC (W) / Test load	kg/tn 149
9.5. Phương pháp đặt tải theo NEMA VE 1 - 2017 / Load application method	A
9.6. Độ võng lớn nhất ở mức tải (W) x (L) / Maximum deflection for the rated load	kgf 1,2
9.7. Kết quả thử / Test result	Không hỏng / Endamaged
9.8. Nhận xét kết quả thử nghiệm theo cấp BC / Comment on test result to class BC - NEMA VE 1 - 2017	Phù hợp / Conform

Ghi chú/Note: Tổng tải trọng thử / Total test load - T = 534 kgf
 $T = 1,3 \times 1,00 \times W \text{ (kgf)}$



QUATEST 3
TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3
QUALITY ASSURANCE & TESTING CENTER 3

Liên lạc đến: 0903.877.000 (Hotline) 0903.877.000 (Hotline) 0903.877.000 (Hotline)

 TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3		
KT3-00053BCK93	PHIẾU KẾT QUẢ THỬ NGHIỆM <i>TEST REPORT</i>	14/01/2019 Page 02/02
1. Tên mẫu: THANG CẤP W 300 x H 150 x t 2 mm x L 3 000 mm <i>Name of sample</i>		
2. Số lượng mẫu: 01 <i>Quantity</i>		
3. Mô tả mẫu: Mẫu là thang cấp W 300 x H 150 x t 2 x L 3000 mm <i>Sample description</i> The as-received sample is cable ladder		
4. Ngày nhận mẫu: 04/01/2019 <i>Date of receiving</i>		
5. Ngày thử nghiệm: 14/01/2019 <i>Date of testing</i>		
6. Nơi gửi mẫu: CÔNG TY CỔ PHẦN HỒNG THỊNH Lã B2-52 KCN Tân Đông Hiệp B, Dĩ An, Bình Dương <i>Customer</i>		
7. Phương pháp thử: NEMA VE 1 - 2017, TCVN 5878:2007 <i>Test method</i>		
8. Kết quả thử nghiệm: Xem trang 02/02 <i>Test result</i> See page		
<div style="display: flex; justify-content: space-between;"> <div> P. TRƯỞNG PTN CƠ KHÍ DEPUTY HEAD OF MECHANICAL TESTING LAB.  Phạm Văn Út </div> <div> TL. GIÁM ĐỐC / PP. DIRECTOR TRƯỞNG PHÒNG THỬ NGHIỆM HEAD OF TESTING LAB.  Nguyễn Văn Tăng </div> </div>		

 PHIẾU KẾT QUẢ THỬ NGHIỆM <i>TEST REPORT</i>			14/01/2019 Page 02/02
8. Kết quả thử nghiệm / Test results			
Yêu cầu tiêu chuẩn / Specification	Kết quả thử nghiệm / Test Result		
A. THỬ LỚP PHỦ / COATING TEST			
9.1. Chiều dày trung bình lớp phủ, <i>Average of coating thickness</i>	µm	75	
B. THỬ TẢI / LOAD TEST			
9.2. Chiều dài mẫu thử, <i>Length of specimen</i>	mm	3 000	
9.3. Khoảng cách giữa 2 gá đỡ (L), <i>Span between the 2 supports</i>	mm	2 400	
9.4. Tải trọng thử cấp BC (W), <i>Test load</i>	kg/m	149	
9.5. Phương pháp đặt tải theo NEMA VE 1 - 2017, <i>Load application method</i>		A	
9.6. Độ võng lớn nhất ở mức tải (W) x (L), <i>Maximum deflection for the rated load</i>	kgf	0,0	
9.7. Kết quả thử, <i>Test result</i>		Không hỏng / Undamaged / Phù hợp / Conforms	
9.8. Nhận xét kết quả thử nghiệm theo cấp BC, <i>Comment on test result in class BC - NEMA VE 1 - 2017</i>			
Ghi chú/Note: Tổng tải trọng thử / Total test load - T = 536 kgf $T = 1,5 \times L (m) \times W (kgf)$			
			
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3			

 TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3		
KT3-00053BCK94	PHIẾU KẾT QUẢ THỬ NGHIỆM <i>TEST REPORT</i>	14/01/2019 Page 01/02
1. Tên mẫu: THANG CẤP W 200 x H 150 x t 2 mm x L 3 000 mm <i>Name of sample</i>		
2. Số lượng mẫu: 01 <i>Quantity</i>		
3. Mô tả mẫu: Mẫu là thang cấp W 200 x H 150 x t 2 x L 3000 mm <i>Sample description</i> The as-received sample is cable ladder		
4. Ngày nhận mẫu: 04/01/2019 <i>Date of receiving</i>		
5. Ngày thử nghiệm: 14/01/2019 <i>Date of testing</i>		
6. Nơi gửi mẫu: CÔNG TY CỔ PHẦN HỒNG THỊNH Lã B2-52 KCN Tân Đông Hiệp B, Dĩ An, Bình Dương <i>Customer</i>		
7. Phương pháp thử: NEMA VE 1 - 2017, TCVN 5878:2007 <i>Test method</i>		
8. Kết quả thử nghiệm: Xem trang 02/02 <i>Test result</i> See page		
<div style="display: flex; justify-content: space-between;"> <div> P. TRƯỞNG PTN CƠ KHÍ DEPUTY HEAD OF MECHANICAL TESTING LAB.  Phạm Văn Út </div> <div> TL. GIÁM ĐỐC / PP. DIRECTOR TRƯỞNG PHÒNG THỬ NGHIỆM HEAD OF TESTING LAB.  Nguyễn Văn Tăng </div> </div>		

 PHIẾU KẾT QUẢ THỬ NGHIỆM <i>TEST REPORT</i>			14/01/2019 Page 01/02
9. Kết quả thử nghiệm / Test results			
Yêu cầu tiêu chuẩn / Specification	Kết quả thử nghiệm / Test Result		
A. THỬ LỚP PHỦ / COATING TEST			
9.1. Chiều dày trung bình lớp phủ, <i>Average of coating thickness</i>	µm	70	
B. THỬ TẢI / LOAD TEST			
9.2. Chiều dài mẫu thử, <i>Length of specimen</i>	mm	3 000	
9.3. Khoảng cách giữa 2 gá đỡ (L), <i>Span between the 2 supports</i>	mm	2 400	
9.4. Tải trọng thử cấp BC (W), <i>Test load</i>	kg/m	149	
9.5. Phương pháp đặt tải theo NEMA VE 1 - 2017, <i>Load application method</i>		A	
9.6. Độ võng lớn nhất ở mức tải (W) x (L), <i>Maximum deflection for the rated load</i>	kgf	1,1	
9.7. Kết quả thử, <i>Test result</i>		Không hỏng / Undamaged / Phù hợp / Conforms	
9.8. Nhận xét kết quả thử nghiệm theo cấp BC, <i>Comment on test result in class BC - NEMA VE 1 - 2017</i>			
Ghi chú/Note: Tổng tải trọng thử / Total test load - T = 536 kgf $T = 1,5 \times L (m) \times W (kgf)$			
			
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3			

 TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3		
KT3-00053BCK95	PHIẾU KẾT QUẢ THỬ NGHIỆM TEST REPORT	14/01/2019 Page 01/02
1. Tên mẫu:	MĂNG CÁP W 100 x H 50 x t 2 mm x L 3 000 mm	
2. Số lượng mẫu:	01	
3. Mô tả mẫu:	Mẫu là măng cáp W 100 x H 50 x t 2 x L 3000 mm The as-received sample is cable trunking	
4. Ngày nhận mẫu:	04/01/2019	
5. Ngày thử nghiệm:	14/01/2019	
6. Nơi gửi mẫu:	CÔNG TY CỔ PHẦN HỒNG THỊNH LÀ B2-52 KCN Tân Đông Hiệp B, Di An, Bình Dương	
7. Phương pháp thử:	NEMA VE 1 - 2017, TCVN 5478:2007	
8. Kết quả thử nghiệm:	Xem trang 02/02 See page	
P.TRƯỞNG PIN CƠ KHÍ DEPUTY HEAD OF MECHANICAL TESTING LAB.  Phạm Văn Úc		TL.GIÁM ĐỐC / PP. DIRECTOR TRƯỞNG PHÒNG THỬ NGHIỆM HEAD OF TESTING LAB.  Nguyễn Văn Tùng

 TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3		
KT3-00053BCK95	PHIẾU KẾT QUẢ THỬ NGHIỆM TEST REPORT	14/01/2019 Page 02/02
9. Kết quả thử nghiệm / Test results		
Tên chỉ tiêu Specification	Kết quả thử nghiệm Test result	
A. THỬ LỚP PHỦ / COATING TEST		
9.1. Chiều dày trung bình lớp phủ, Average of coating thickness	µm	70
B. THỬ TẢI / LOAD TEST		
9.2. Chiều dài mẫu thử Length of specimen	mm	3 000
9.3. Khoảng cách giữa 2 gá đỡ (L) Span between the 2 supports	mm	2 400
9.4. Tải trọng thử cấp 3A (W) Test load	kg/m	37
9.5. Phương pháp đặt tải theo NEMA VE 1 - 2017 Load application method		A
9.6. Độ võng lớn nhất ở mức tải (W) x (L) Maximum deflection for the rated load	kgf	1,0
9.7. Kết quả thử Test result	Không hỏng Undamaged	
9.8. Nhận xét kết quả thử nghiệm theo cấp 3A Comment on test result as class 3A - NEMA VE 1 - 2017	Phù hợp Confirm	
Ghi chú/Notice: Tổng tải trọng thử / Total test load - T = 137 kgf T = 1,5 x L (m) x W (kgf)		
		
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3 		

 TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3		
KT3-00053BCK96	PHIẾU KẾT QUẢ THỬ NGHIỆM TEST REPORT	14/01/2019 Page 01/02
1. Tên mẫu:	MĂNG CÁP W 175 x H 175 x t 2 mm x L 3 000 mm	
2. Số lượng mẫu:	01	
3. Mô tả mẫu:	Mẫu là măng cáp W 175 x H 175 x t 2 x L 3000 mm The as-received sample is cable trunking	
4. Ngày nhận mẫu:	04/01/2019	
5. Ngày thử nghiệm:	14/01/2019	
6. Nơi gửi mẫu:	CÔNG TY CỔ PHẦN HỒNG THỊNH LÀ B2-52 KCN Tân Đông Hiệp B, Di An, Bình Dương	
7. Phương pháp thử:	NEMA VE 1 - 2017, TCVN 5478:2007	
8. Kết quả thử nghiệm:	Xem trang 02/02 See page	
P.TRƯỞNG PIN CƠ KHÍ DEPUTY HEAD OF MECHANICAL TESTING LAB.  Phạm Văn Úc		TL.GIÁM ĐỐC / PP. DIRECTOR TRƯỞNG PHÒNG THỬ NGHIỆM HEAD OF TESTING LAB.  Nguyễn Văn Tùng

 TỔNG CỤC TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3		
KT3-00053BCK96	PHIẾU KẾT QUẢ THỬ NGHIỆM TEST REPORT	14/01/2019 Page 02/02
9. Kết quả thử nghiệm / Test results		
Tên chỉ tiêu Specification	Kết quả thử nghiệm Test result	
A. THỬ LỚP PHỦ / COATING TEST		
9.1. Chiều dày trung bình lớp phủ, Average of coating thickness	µm	70
B. THỬ TẢI / LOAD TEST		
9.2. Chiều dài mẫu thử Length of specimen	mm	3 000
9.3. Khoảng cách giữa 2 gá đỡ (L) Span between the 2 supports	mm	2 400
9.4. Tải trọng thử cấp 3A (W) Test load	kg/m	149
9.5. Phương pháp đặt tải theo NEMA VE 1 - 2017 Load application method		A
9.6. Độ võng lớn nhất ở mức tải (W) x (L) Maximum deflection for the rated load	kgf	1,8
9.7. Kết quả thử Test result	Không hỏng Undamaged	
9.8. Nhận xét kết quả thử nghiệm theo cấp 3A Comment on test result as class 3A - NEMA VE 1 - 2017	Phù hợp Confirm	
Ghi chú/Notice: Tổng tải trọng thử / Total test load - T = 267 kgf T = 1,5 x L (m) x W (kgf)		
		
TRUNG TÂM KỸ THUẬT TIÊU CHUẨN ĐO LƯỜNG CHẤT LƯỢNG 3 QUALITY ASSURANCE & TESTING CENTER 3 		



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