ECTRAY®

Cable Management Catalog

www.ectray.com

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Cable Management System Expert

FOCUS ON HIGH-QUALITY CABLE TRAY & SUPPORT SYSTEM

THE TIDE RISES IN THE EAST

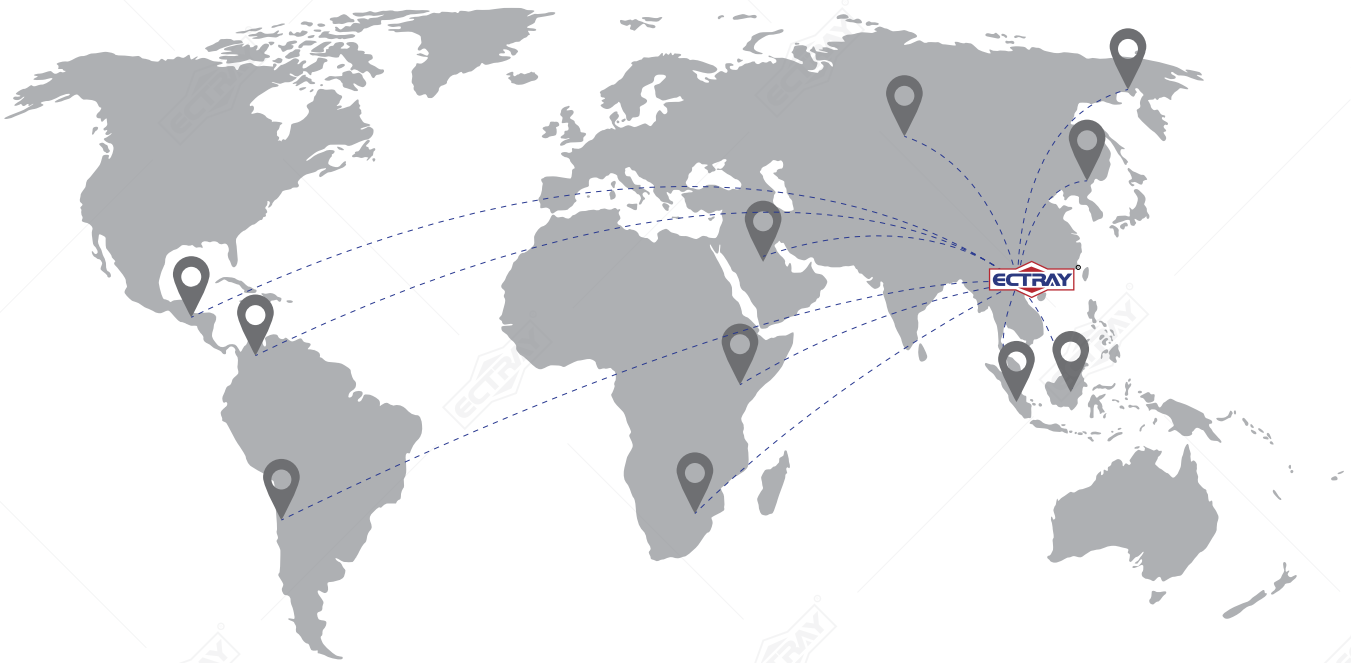
Since its establishment in 1995, ECTRAY has set an industry benchmark in the field of outdoor cable tray with its excellent manufacturing strength and R&D practices.

The company was built on the golden coastline of southern China and invested in a modern manufacturing plant covering an area of 113,021 square feet. This industrial base, which has risen based on the coastal geographical advantages, has been tempered for 30 years and has developed into the largest and most professional production center among similar factories.

As of 2025, ECTRAY has produced a total of 72 million meters of outdoor cable tray, covering more than 20 coastal provinces and cities in China, and exported to more than 100 countries.

Committed to coastal areas

Thanks to its natural locational advantage adjacent to the coastline, 70% of ECTRAY's customers and projects are concentrated in coastal areas. It has served more than 3,000 coastal engineering cases and has formed a deep understanding of coastal climate, corrosive environment, and complex installation scenarios.



With 30 years of experience in coastal projects, it has become the golden standard for coastal cable tray manufacturing, accurately grasping the stringent requirements of coastal cable trays in terms of salt spray resistance, weather resistance, structural stability, etc., and providing customized solutions for ports, coastal power stations, coastal buildings and other scenarios, becoming a reliable partner for coastal infrastructure construction.

Coastal buildings
15%

Port Project
25%

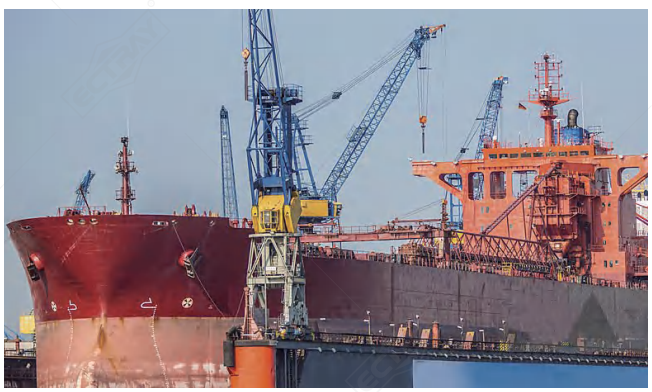
Power Projects
25%

Solar Projects
35%

Engineered Solutions for Specific Applications

Solar Mounting System

Through structural optimization and material innovation, solar brackets can achieve 1. Lightweight and reduce roof load. 2. Long life, 30 year material warranty. It can save costs for customers and achieve better results.



Best practice shipbuilding

Cable ladders is a structural device used on ships to support and fix various equipment, pipelines, cables, etc., and to provide convenience for personnel passage and operation. In general, the ship cable tray is an indispensable part of the ship structure, and plays an important role in ensuring the normal operation of the ship and the effective arrangement and operation of various equipment.

Coastal buildings

In coastal buildings, the cable tray is an overhead or bracket structure that supports and lays cables and pipelines, and must adapt to harsh environments such as high humidity, salt spray corrosion, and typhoons.

INDUSTRIAL

In the complex production environment of the industrial field, cable trays are key infrastructure to ensure the stable operation of electrical systems. Industrial scenarios include factory workshops, energy facilities, chemical parks, etc.

MINING

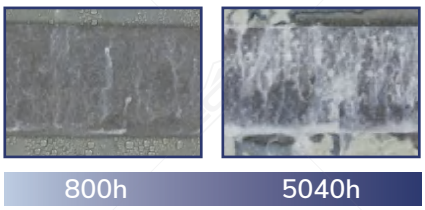
Cable trays can effectively organize cable lines in mine tunnels. Reasonable layout of cable trays facilitates daily inspection, maintenance and replacement of cables by workers, improves the safety and reliability of electrical systems in mine tunnels, and lays the foundation for safe production in mines.

Designed to be Better (EC2S)

Our cable tray (EC2S) salt spray resistance, corrosion resistance, and strong structural stability are the result of three decades of research and 23,622,047.24 feet of outdoor cable tray installed worldwide. We test it at every stage of the manufacturing process. In actual use, it performs well in a variety of applications, from heavy power cable channels on oil rigs to data installations on modern office building ceilings.

Experiment

ZM275



GI 1200

After 800 hours of neutral salt spray test, a lot of red rust appeared on the surface of Z1200 coating, while after 5040 hours of neutral salt spray test, no red rust appeared on the surface of ZM275 coating

Corrosion resistant

Providing long-lasting corrosion resistance with over 1000 hours of salt spray test results, suitable for the harshest conditions ideal for industrial and outdoor installations, less maintenance, higher reliability extending service life and reducing maintenance costs.

Reduce energy consumption

protect cables from physical damage, dust, and external elements, ensuring an organized installation. with ventilation to prevent cables from overheating. They are commonly used in office buildings, commercial facilities, and small scale industrial projects.

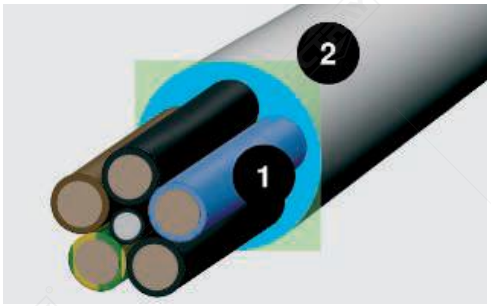
Beautiful appearance

The intersection of technology and aesthetics Cable channels are the invisible heroes of modern infrastructure. With their sturdy and elegant structure, they not only ensure the safety of electricity use, but also lay the foundation for artistic order in the surrounding environment.

High strength bearing capacity

Strong bearing capacity ensures that the cable tray is not easily deformed, broken or collapsed under long term load, reducing cable damage, equipment failure and even safety accidents caused by cable tray collapse.

The usable cross-section of the cable simulates the cavity in real laying



Cable diameter (1) and space required (2)

HOW CAN I WORK OUT THE VOLUME OF CABLES?

An important criteria for the selection of the correct cable support system is the cable volume, for which there must be sufficient space in the cable tray. As the cables are never packed tightly together or are absolutely parallel, it is not enough to base the volume calculation solely on the cable diameter. A realistic calculation is provided by the formula $(2r)^2$. To save you work, we have listed the diameter and usable cross-section of the most important cable types below.

Important: These values are aver-age values, which may vary from manufacturer to manufacturer.Please refer to the manufacturer's specifications for the exact values.

Calculation with the formula $(2r)^2$

The diameter says little about the actual space required by a cable.Calculate: $(2r)^2$. This value reflects the realistic space requirements,including the compartments.

Cable volume

Insulated power cables

Type	Diameter mm	Usable cross-section cm²
1x4	6.5	0.42
1x4	7	0.49
1x10	8	0.49
1x16	9.5	0.9
1x25	12.5	1.56
3x1.5	8.5	0.72
3x2.5	9.5	0.9
3x4	11	1.21
4x1.5	9	0.81
4x2.5	10.5	1.1
4x4	12.5	1.56
4x6	13.5	1.82
4x10	16.5	2.72
4x16	19	3.61
4x25	23.5	5.52
4x35	26	6.76
5x1.5	9.5	0.9
5x2.5	11	1.21
5x4	13.5	1.82
5x6	14.5	2.1
5x10	18	3.24
5x16	21.5	4.62
5x25	26	6.76
7x1.5	10.5	1.1
7x2.5	13	1.69

Insulated power cables

Type	Diameter mm	Usable cross-section cm²
1x10	10.5	1.1
1x16	11.5	1.32
1x25	12.5	1.56
1x35	13.5	1.82
1x50	15.5	2.4
1x70	16.5	2.72
1x95	18.5	3.42
1x120	20.5	4.2
1x150	22.5	5.06
1x185	25	6.25
1x240	28	7.84
1x300	30	9
3x1.5	11.5	1.32
3x2.5	12.5	1.56
3x10	17.5	3.06
3x16	19.5	3.8
3x50	26	6.76
3x70	30	9
3x120	36	12.96
4x1.5	12.5	1.56
4x2.5	13.5	1.82
4x6	16.5	2.72
4x10	18.5	3.42
4x16	21.5	4.62
4x25	25.5	6.5
4x35	28	7.84
4x50	30	9
4x70	34	11.56
4x95	39	15.21
4x120	42	17.64
4x150	47	22
4x185	52	27
4x240	58	33.6
5x1.5	13.5	1.82
5x2.5	14.5	2.1
5x6	18.5	3.42
5x10	20.5	4.2
5x16	22.5	5.06
5x25	27.5	7.56
5x35	34	11.56
5x50	40	16

Telecommunications cables

Type	Diameter mm	Usable cross-section cm²
2x2x0.6	5	0.25
4x2x0.6	5.5	0.3
6x2x0.6	6.5	0.42
10x2x0.6	7.5	0.56
20x2x0.6	9	0.81
40x2x0.6	11	1.12
60x2x0.6	13	1.69
100x2x0.6	11	1.21
200x2x0.6	23	5.29
2x2x0.8	6	0.36
4x2x0.8	7	0.49
6x2x0.8	8.5	0.72
10x2x0.8	9.5	0.9
20x2x0.8	13	1.69
40x2x0.8	16.5	2.72
60x2x0.8	20	4
100x2x0.8	25.5	6.5
200x2x0.8	32	10.24

Coax cable (standard)

Type	Diameter mm	Usable cross-section cm²
SAT/BK cable	6.8	0.48

IT cables type Cat...

Type	Diameter mm	Usable cross-section cm²
Cat.5	8	0.64
Cat.6	8	0.64

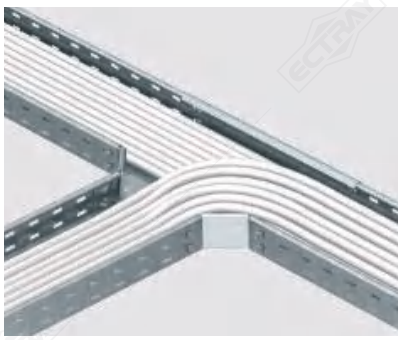
How can I find a system of the appropriate volume?

Cable height

The cable height may not exceedthe edge height of the cable tray.

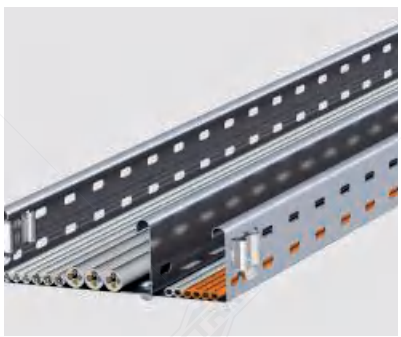
Volume reserve

When selecting the system, a volume reserve of at least 30%should be planned for possible later installations.



Branches

When dimensioning branches, the bending radii of the cables must be taken into account.



Separation of system levels

When selecting the volume, pay at-tention to the different conductors.To separate different voltage levels, you must take the required spacings into account.

Same usable cross-section, different requirements

The following table will help you to choose a cable support system of the right volume. It underlines the interplay of tray or ladder width,slant height and usable crosssection. The difference when laying the same volume of data and power cables should be taken into account: while it is possible to select a narrow, high tray for data cables, a wide, flat tray is necessary for power cables.

Examples

Flat, wide variant:
- e.g. for power cables
- Cable tray width: 300 mm
- Side rail height: 35 mm
- Usable cross-section: 103 cm Narrow, high variant:
- e.g. for data cables
- Cable tray width: 100 mm
- Side height: 110 mm
- Usable cross-section: 108 cm

How do I calculate the cable weight?

100 mm = 15 kg/m

200 mm = 30 kg/m

300 mm = 45 kg/m

400 mm = 60 kg/m

500 mm = 75 kg/m

600 mm = 90 kg/m

Of equal significance for the selection of the cable support system most suited to the application is the load capacity of the system.This must be matched with the expected cable weight (including the reserve for later installation). There are three variants for determining the cable weight:

Variant 1: Orientation to experience values

The average load capacity of a cable tray can be calculated roughly using experience values.For a system with a strut height of 60 mm, a value of 15 kg per 100 mm width is valid for each metre of cable tray or cable ladder. However, more accurate than orientation to experience values is to calculate the cable load using the formula from DIN VDE 0639 Part 1 (Variant 2) or the manufacturer's specifications (Variant 3).The graphics show the load capacities, based on experience values,of cable trays with a rail height of 60 mm, relative to cable tray widths of 100 to 600 mm.

Variant 2: Calculation formula according to VDE 0639 T1

To calculate a maximum approved cable load, DIN VDE 0639 Part 1 (cable support systems) can offer a formula.
In the example calculation, the maximum approved cable load for a cable tray is worked out using the dimension 60 mm x 300 mm and a usable cross-section of 178 cm².

Variant 3: Exact calculation according to manufacturer's specifications

Most cable manufacturers offer a very accurate method of calculating cable weights, and appropriate lists or tables can be obtained from them. Important: The tables only provide a rough overview.They are average values, which may vary from manufacturer to manufacturer. Please refer to the manufacturer's specifications for the exact values.

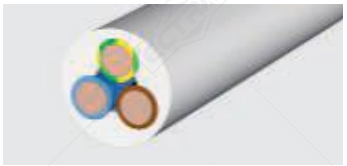
Cable load (F) =	$\frac{0.028N}{m \times mm^2}$	x Usable cross-section

1.Cable load (F) =	$\frac{0.028N}{m \times mm^2}$	x 17,800 mm² = 500 N/m

2. Conversion from Newtons (N) to kilogrammes (kg)
10 N ~ 1 kg – in our example, this means: 500 N/m = 50 kg/m

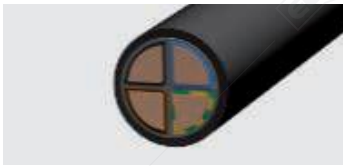
3. Maximum occurring load = 50 kg/m

Actual cable weights of different cable types



Insulated power cables

Type	Cable load kg/m
1x4	0.08
1x6	0.105
1x10	0.155
1x16	0.23
1x25	0.33
3x1.5	0.135
3x2.5	0.19
3x4	1.265
4x1.5	0.16
4x2.5	0.23
4x4	0.33
4x6	0.46
4x10	0.69
4x16	1.09
4x25	1.64
4x35	2.09
5x1.5	0.19
5x2.5	0.27
5x4	0.41
5x6	0.54
5x10	0.85
5x16	1.35
5x25	1.99
7x1.5	0.235
7x2.5	0.35



Insulated power cables

Type	Cable load kg/m
1x10	0.18
1x16	0.24
1x25	0.35
1x35	0.46
1x50	0.6
1x70	0.8
1x95	1.1
1x120	1.35
1x150	1.65
1x185	2
1x240	2.6
1x300	3.2
3x1.5	0.19
3x2.5	0.24
3x10	0.58
3x16	0.81
3x50	1.8
3x70	2.4
3x120	4
4x1.5	0.22
4x2.5	0.29
4x6	0.4
4x16	1.05
4x25	1.6
4x35	1.75
4x50	2.3
4x70	3.1
4x95	4.2
4x120	5.2
4x150	6.4
4x185	8.05
4x240	11
5x1.5	0.27
5x2.5	0.35
5x6	0.61
5x10	0.88
5x16	1.25
5x25	1.95
5x35	2.4
5x50	3.5

Telecommunications cables

Type	Cable load kg/m
2x2x0.6	0.03
4x2x0.6	0.035
6x2x0.6	0.05
10x2x0.6	0.065
20x2x0.6	0.11
40x2x0.6	0.2
60x2x0.6	0.275
100x2x0.6	0.445
200x2x0.6	0.87
2x2x0.8	0.04
4x2x0.8	0.055
6x2x0.8	0.08
10x2x0.8	0.115
20x2x0.8	0.205
40x2x0.8	0.38
60x2x0.8	0.54
100x2x0.8	0.875
200x2x0.8	1.79

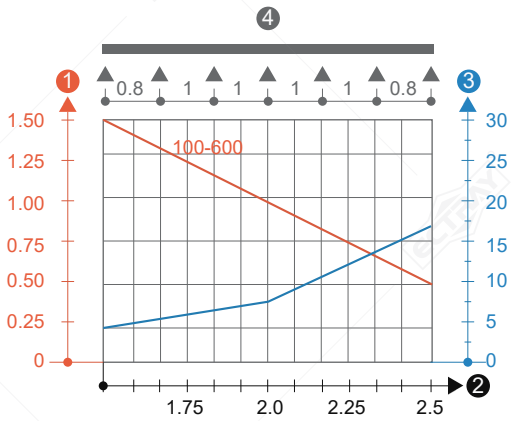
Coax cable (standard)

Type	Cable load kg/m
SAT/BK cable	0.06

IT cables type Cat...

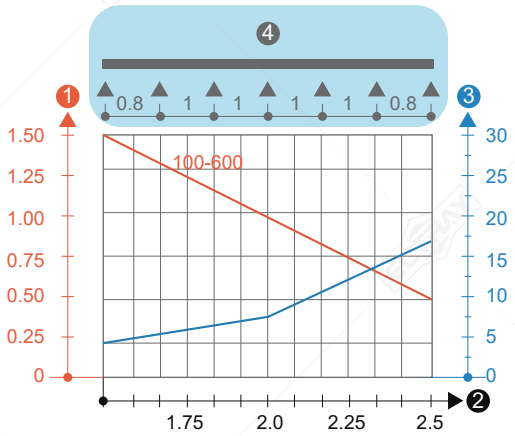
Type	Cable load kg/m
Cat.5	0.06
Cat.6	0.06

Which trays and ladders can support which cable load?



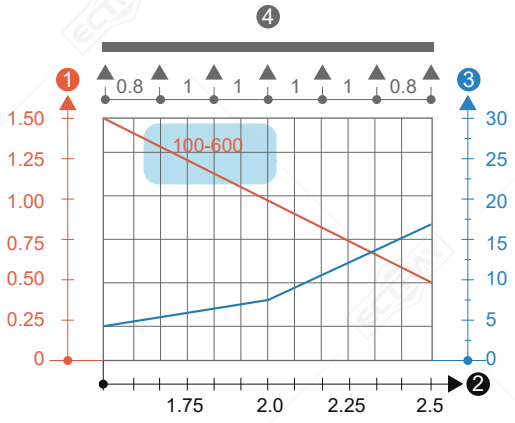
Load diagram

1 = Load in kN/m without human weight
2 = Support width in m
3 = Strut bending in mm
4 = Schematic diagram of the spans during the testing process
-- = Approved load depending on support width for the different tray widths
-- = Rail bend depending on span



Information 1: The testing process

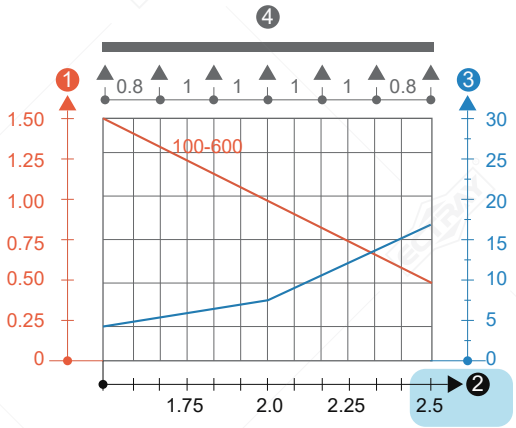
The basic principles of the tests of Ectray cable support systems is VDE 0639 Part 1 and IEC 61537.The purpose of the tests is to determine the maximum load capacities for each component, de-pending on parameters such as component width, support spacing, etc. and to present this in a diagram to be included with each component. The area highlighted in blue in the above example schematises the experiment setup with a variable support spacing (L)in the central area and a factor of 0.8 x L at the front and rear ends of the cable tray.



Information 2: Load curves for selected cable tray or cable lad-der widths

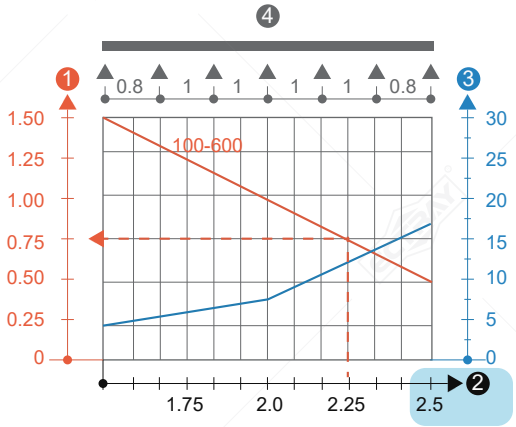
The load capacity of the cable trays according to the support width can be read off in the diagram using the load curves – this is an example for a cable tray for the tray widths 100 to 600 mm. It may occur that, in the load curves,width differences must be made,allowing multiple curves to be visible simultaneously in the diagram.A key factor for the load capacity of the cable trays is, beside the support spacing and side height,the material thickness, which varies according to type.

Which trays and ladders can support which cable load?



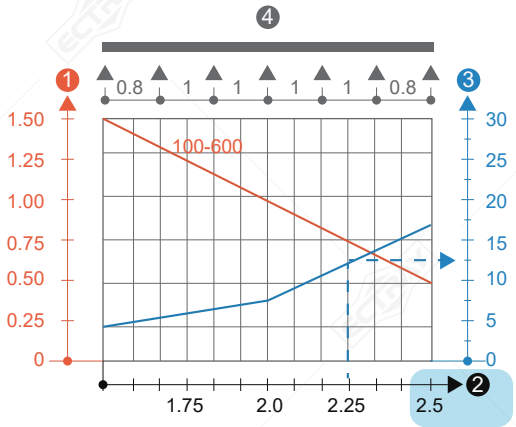
Information 3: Possible support spacings

The theoretically possible spans for the cable tray can be read off on the axis at the foot of the table.Using the load curves, it is easy to read off to what extent the load capacity of the system falls as the support spacing grows. On all Ectray cable support systems (with the exception of the wide span trays), we recommend not exceeding a support spacing of 1.5 m, if possible.



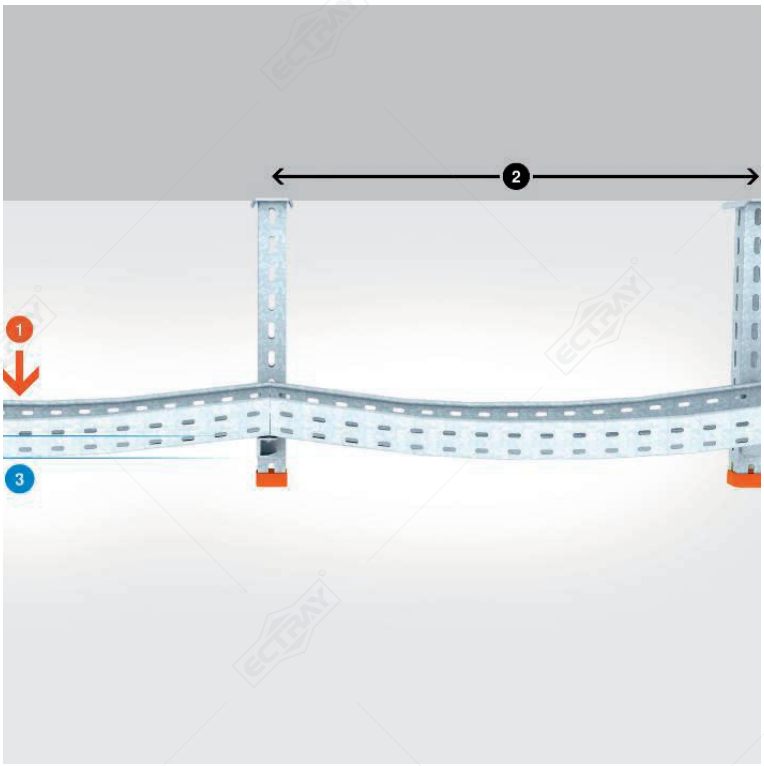
Information 4: Ratio: load/span

Which load is possible at which support spacing? With the diagram, you can find the appropriate information at a glance. In our example (with the blue background)a span of 2.25 m for the tray produces a maximum load capacity of 0.75 kN for each running metre of cable tray. Please note that, in this example, the volume of the cable tray may exceed the permitted load. Therefore, if at all possible,do not exceed the support spacing of 1.5 m, as recommended by Ectray.



Information 5: W = Strut sag

To what extent does the load on a cable tray cause the strut to bend?This information is supplied by the blue curve (w) in millimetres (orientation values on the axis on the righthand side of the diagram).
The course of the blue curve clearly shows how quickly the cable tray will sag as the support spacing increases. In our example,the bend at a support spacing of 2.25 m is shown, here approximately 12 mm.



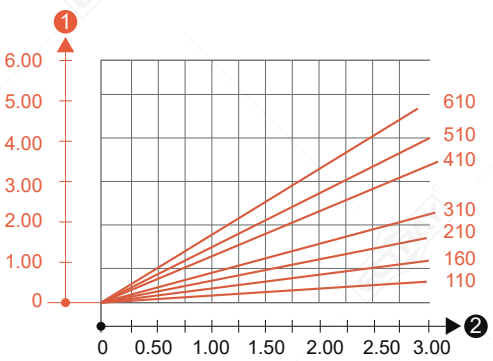
Key components of the Ectray cable support systems are the installation components, in particular the brackets and suspended supports.They connect the cable trays and ladders to the wall and to the ceiling, and are thus an important construction element of the overall system. When calculating the load capacity of a cable support system, the brackets and suspended supports must not be forgotten.The test diagram is also useful in selecting the right products.

Load diagram

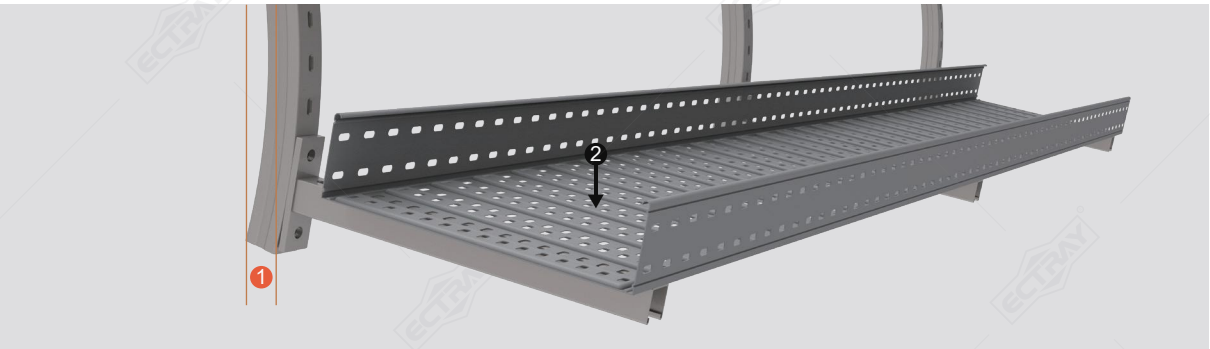
1 = Bend in mm at the bracket tip

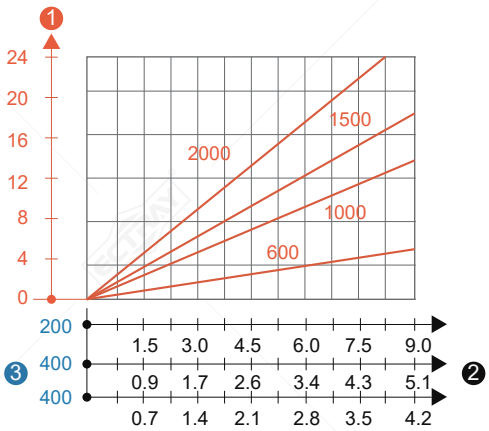
2 = Load without man load in kN/m

= Load curves for the various bracket lengths



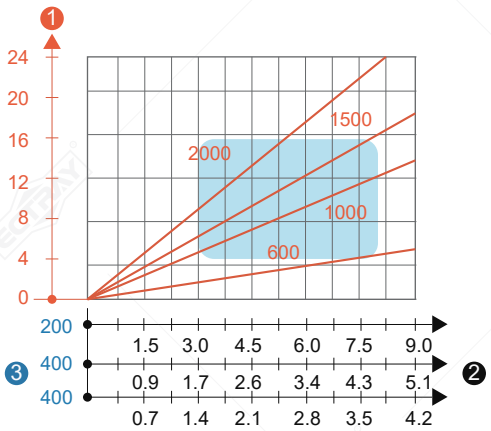
Which bracket can support which cable load?





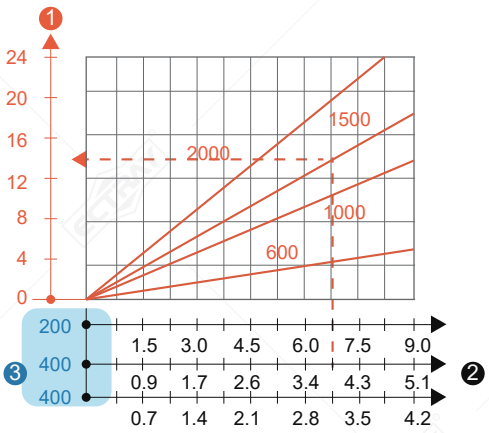
Load diagram

1 = Bend in mm at the bracket tip
2 = Load without man load in kN/m
-- = Load curves for the various bracket lengths



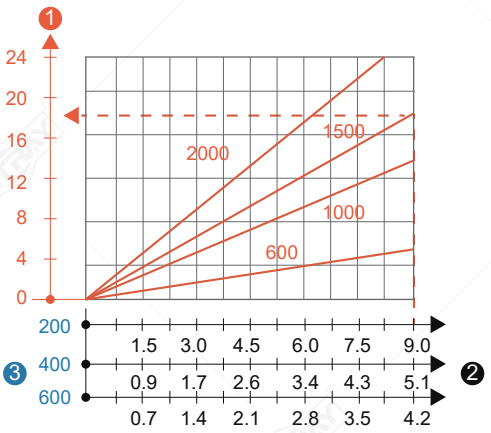
Information 1: Various support lengths and bracket widths

The load capacity of a cable support system is not just dependent on the width of a bracket, but also on the length of a suspended support. The load curves in the diagram provide information on the load capacity of a suspended support of length 600, 1,000, 1,500 or 2,000 mm, taking the bracket width into account.



Information 2: Calculation of the deflection for the example

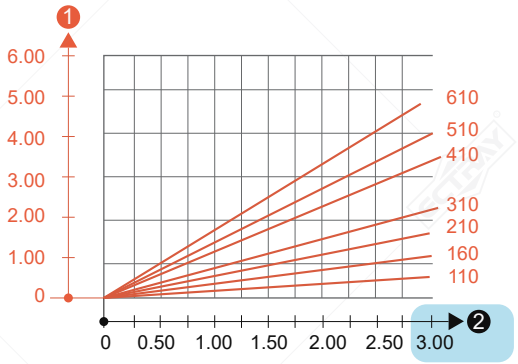
The weight of the total suspended support/bracket/cable tray system causes an excursion of the suspended support from the vertical.The excursion value can be read off from the axis on the left edge of the diagram. In our example (blue background), a 1,500 mm long suspended support, together with a 400 mm wide bracket and a weight load of 4 kN at the end of the support, will produce an excursion of approximately 14 mm.



Information 3: Calculation of the excursion at maximum load for the example

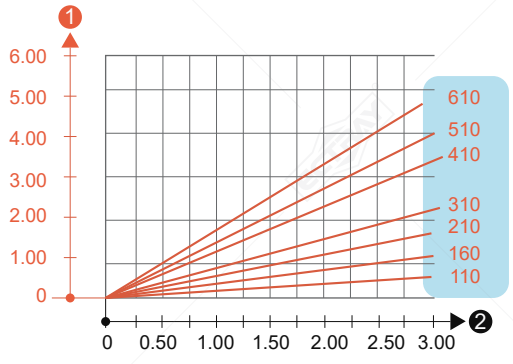
The load capacity of a cable The excursion of the suspended support at a maximum load can also be read off on the diagram.Our blue example shows an excursion of roughly 18 mm at the end of the support for a 1,500 mm long suspended support, in combination with a 400 mm wide bracket at a maximum cable load of approximately 5 kN.

Which support can support which cable load?



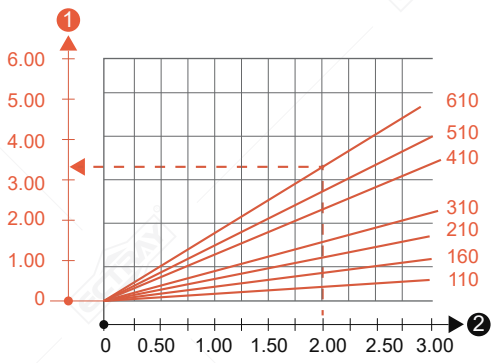
Information 1: Recommended maximum load of the brackets

The bracket is the part of the installation system upon which the cable tray or mesh cable tray is located. It is either directly connected to the wall or is connected to the ceiling using supports. The grey bar on the right edge of the diagram provides information on the maximum load capacity of the bracket.



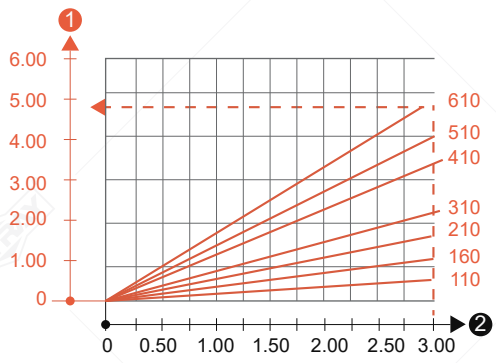
Information 2: Load curves for all bracket widths

The bending of the bracket is dependent on its width, which, in our example, can range from 110 mm to 610 mm. The load curves are assigned to the appropriate bracket type.



Information 3: Bending of the bracket tip at a specific load

The load curve in the diagram provides information on the bending of the boom tip at a specific load. In our example (dotted orange line), a 610 mm wide brack-et with a load of 2 kN bends by approx. 3.1 mm. A basic rule of thumb is: The shorter the bracket,the less the bend will be.



Information 4: Bending of the bracket tip at maximum load

The bending factor of the bracket at maximum load can also be seen in the diagram. In our example (shown in orange), the bend value for a 610 mm wide bracket at a maximum load of approx. 3.0 kN is approximately 4.5 mm. To minimise the bend, the centre of gravity of the cable load should be as close as possible to the wall or the support fastening.

How to choose the material

	Material	Corrosion level	Electrical Continuity
Food Industry	Stainless steel 304/316（SS）	C3,C4	IEC EN 61357
Industrial Factory	Zinc Aluminum Magnesium（ZM） Aluminum Alloy	C1,C2	IEC EN 61357
Oil and Gas Industry	Zinc Aluminum Magnesium（ZM） Aluminum Alloy	C5,CX	IEC EN 61357
Offshore, Ports	Zinc Aluminum Magnesium（ZM） Stainless steel 304/316（SS）	C5,CX	IEC EN 61357
Marine Industry	Zinc Aluminum Magnesium（ZM） Stainless steel 304/316（SS）	C4	IEC EN 61357
Water Treatment	Zinc Aluminum Magnesium（ZM） Stainless steel 304/316（SS）	C4	IEC EN 61357
Mining and Cement	Zinc Aluminum Magnesium（ZM） Stainless steel 304/316（SS）	C5	IEC EN 61357
Photovoltaic	Zinc Aluminum Magnesium（ZM） Stainless steel 304/316（SS）	C3,C4	IEC EN 61357

EC2S
ENERGY-SAVING CABLE TRAY

ECTRAY offer a wide range of perforated cable trays which are fabricated using quality raw material such as Zinc Aluminum Magnesium(ZM).

Adapt to coastal high humidity and salt fog environment, high temperature, strong ultraviolet rays, high humidity and moisture.

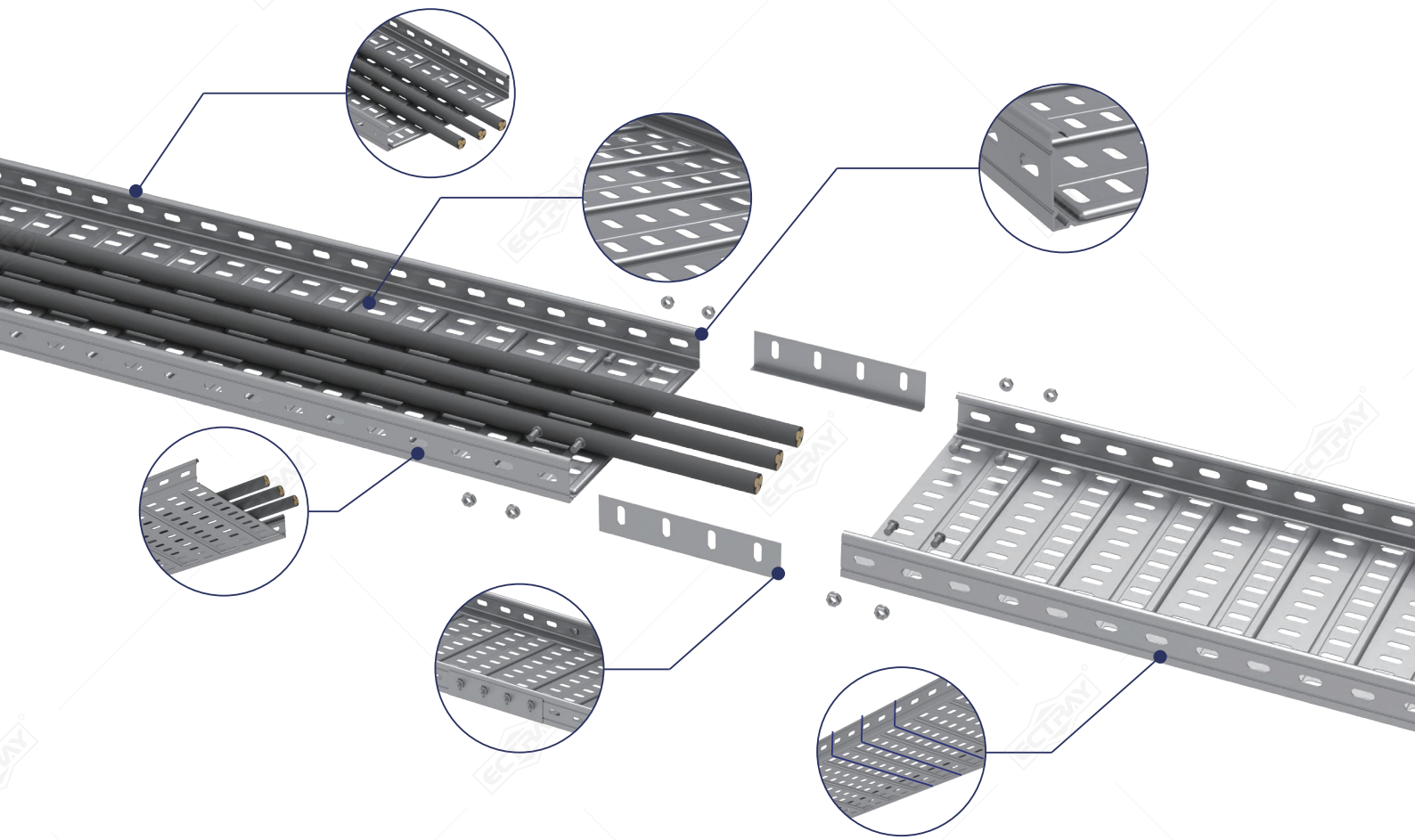
EC2S

1 **Reduce energy consumption**
The concave convex structure increases the heat dissipation area reduce energy consumption by 70% -80%

2 **High strength**
One-piece molding improves the load-bearing capacity

3 **Light weight**
lighter weight, easier to transport and install

4 **Easy installation**
installation efficiency can be increased by 40%



EC2S-H50

Complies with UNE-EN 61537

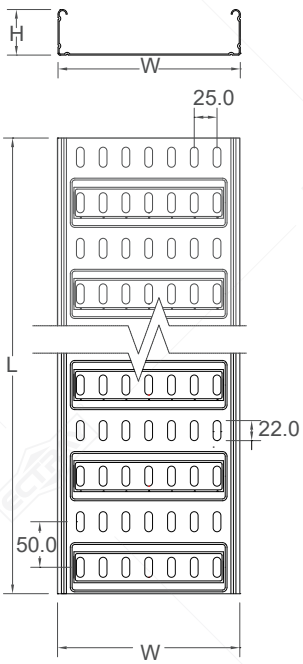
Material:
-Zinc Aluminum Magnesium（ZAM）
-Galvanized（GI）
-Stainless steel 304/316（SS）
-Powder coating

No fire	Corrosion resistance	Strong load-bearing capacity	-40℃ / 150℃	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
EC100-50	100x50	2000/2500/3000
EC200-50	200x50	2000/2500/3000
EC300-50	300x50	2000/2500/3000
EC400-50	400x50	2000/2500/3000
EC500-50	500x50	2000/2500/3000
EC600-50	600x50	2000/2500/3000

*custom made:This product does not support customization

Coastal buildings | Solar | Parking lot | Hospital



NOTES

01-EC2S series cable tray are available in 50mm, 100mm, two different standard heights to meet differentconstruction requirements.

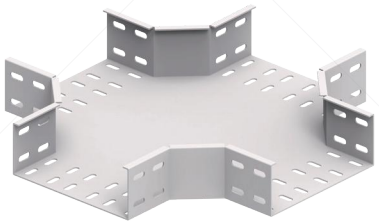
02-EC2Sseries cable tray are available in 100mm, 200mm, 300mm, 400mm, 500mm, 600mm standard lengths to meet different constructionrequirements.

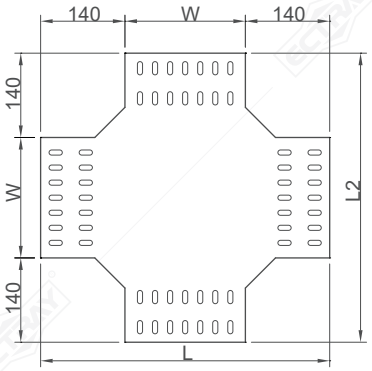
03-Cable tray length 2000mm,2500mm,3000mm.

04-Each cable tray needs 2 pcs straight connectors.

05-Each straight connector needs 4 sets of M8x15 nuts &bolts

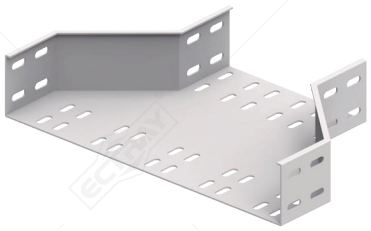
EC2S-Cross

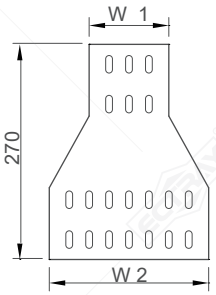




Ordering Code	W/mm	H/mm	L/mm
EC2S-Cross-100-50-360	100	50	360
EC2S-Cross-200-50-460	200	50	460
EC2S-Cross-300-50-560	300	50	560
EC2S-Cross-400-50-660	400	50	660
EC2S-Cross-500-50-760	500	50	760
EC2S-Cross-600-50-860	600	50	860

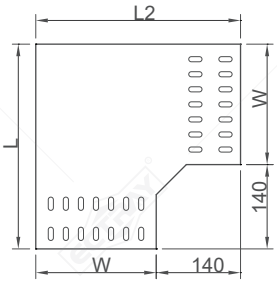
EC2S-Middle Reducer





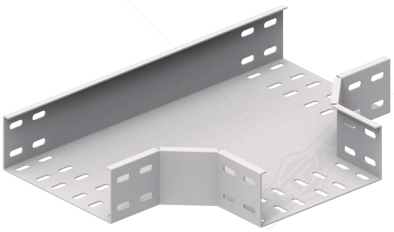
Ordering Code	W1 mm	W2 mm	H/mm	L/mm
EC2S-MIR-100-50-250	100	200	50	250
EC2S-MIR-200-50-250	200	300	50	250
EC2S-MIR-300-50-250	300	400	50	250
EC2S-MIR-400-50-250	400	500	50	250
EC2S-MIR-500-50-250	500	600	50	250
EC2S-MIR-600-50-250	600	700	50	250

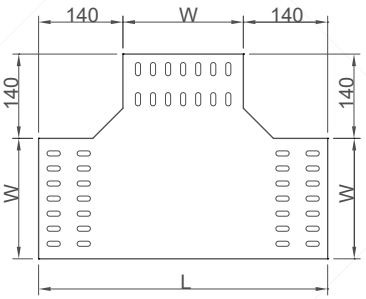
EC2S-90°Bend



Ordering Code	W/mm	H/mm	L/mm
EC2S-90°Bend-100-50-230	100	50	230
EC2S-90°Bend-200-50-330	200	50	330
EC2S-90°Bend-300-50-430	300	50	430
EC2S-90°Bend-400-50-530	400	50	530
EC2S-90°Bend-500-50-630	500	50	630
EC2S-90°Bend-600-50-730	600	50	730

EC2S-Tee

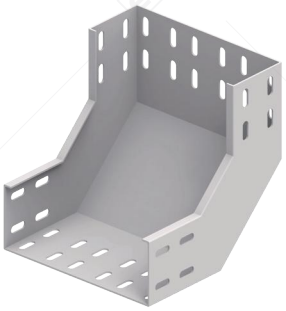


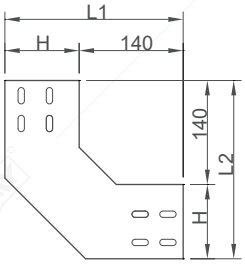


Ordering Code	W/mm	H/mm	L/mm
EC2S-Tee-100-50-230	100	50	230
EC2S-Tee-200-50-330	200	50	330
EC2S-Tee-300-50-430	300	50	430
EC2S-Tee-400-50-530	400	50	530
EC2S-Tee-500-50-630	500	50	630
EC2S-Tee-600-50-730	600	50	730

CE IEC EN 61357

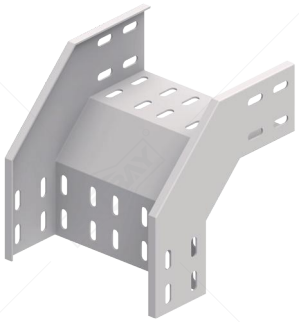
EC2S-Internal Riser

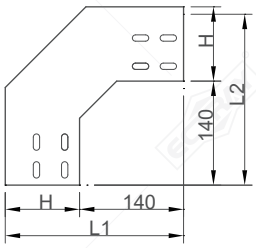




Ordering Code	W/mm	H/mm	L/mm
EC2S-INR-100-50-180	100	50	180
EC2S-INR-200-50-180	200	50	180
EC2S-INR-300-50-180	300	50	180
EC2S-INR-400-50-180	400	50	180
EC2S-INR-500-50-180	500	50	180
EC2S-INR-600-50-180	600	50	180

EC2S-External Riser



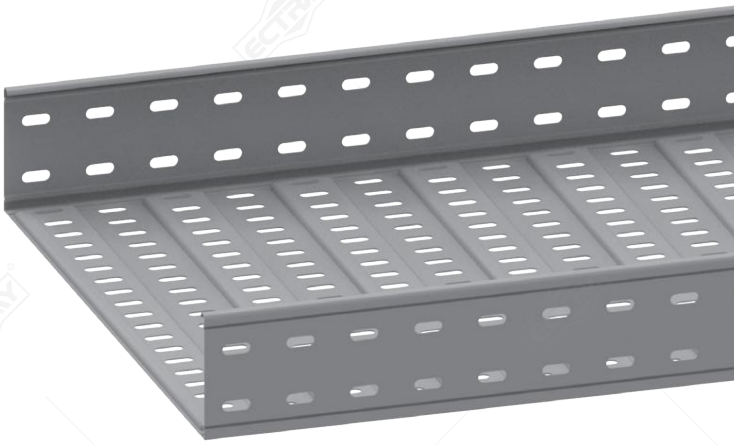


Ordering Code	W/mm	H/mm	L/mm
EC2S-EXR-100-50-180	100	50	180
EC2S-EXR-200-50-180	200	50	180
EC2S-EXR-300-50-180	300	50	180
EC2S-EXR-400-50-180	400	50	180
EC2S-EXR-500-50-180	500	50	180
EC2S-EXR-600-50-180	600	50	180

EC2S-H100

Complies with UNE-EN 61537

Material:
-Zinc Aluminum Magnesium（ZAM）
-Galvanized（GI）
-Stainless steel 304/316（SS）
-Powder coating



No fire	Corrosion resistance	Strong load-bearing capacity	-40ºC / 150ºC	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
EC100-100	100x100	2000/2500/3000
EC200-100	200x100	2000/2500/3000
EC300-100	300x100	2000/2500/3000
EC400-100	400x100	2000/2500/3000
EC500-100	500x100	2000/2500/3000
EC600-100	600x100	2000/2500/3000

*custom made:This product does not support customization

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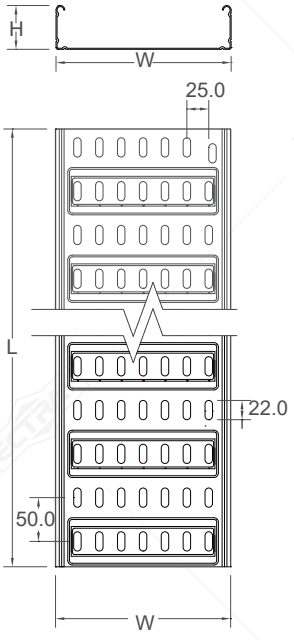

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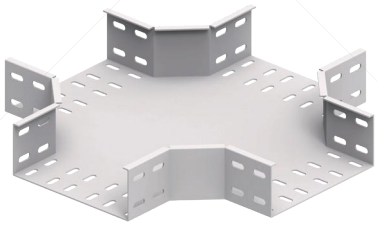
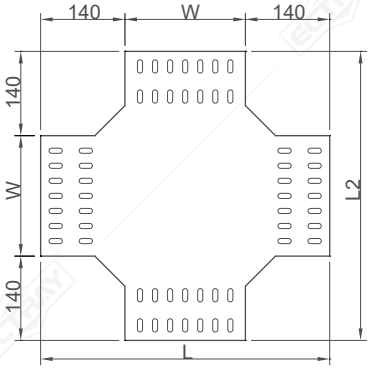
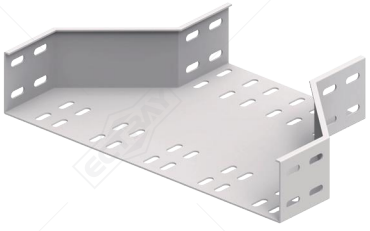
EC2S-Cross

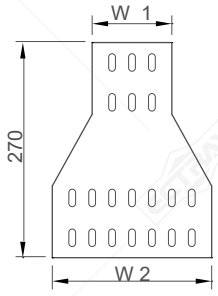




Ordering Code	W/mm	H/mm	L/mm
EC2S-Cross-100-100-360	100	100	360
EC2S-Cross-200-100-460	200	100	460
EC2S-Cross-300-100-560	300	100	560
EC2S-Cross-400-100-660	400	100	660
EC2S-Cross-500-100-760	500	100	760
EC2S-Cross-600-100-860	600	100	860

EC2S-Middle Reducer

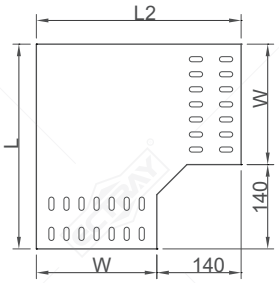




Ordering Code	W1 mm	W2 mm	H/mm	L/mm
EC2S-MIR-100-100-250	100	200	100	250
EC2S-MIR-100-200-250	200	300	100	250
EC2S-MIR-100-300-250	300	400	100	250
EC2S-MIR-100-400-250	400	500	100	250
EC2S-MIR-100-500-250	500	600	100	250
EC2S-MIR-100-600-250	600	700	100	250

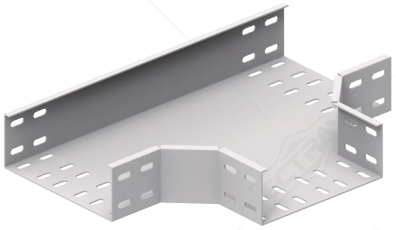
CE IEC EN 61357

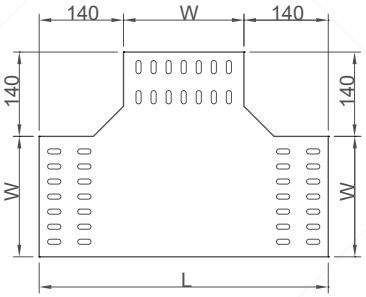
EC2S-90°Bend



Ordering Code	W/mm	H/mm	L/mm
EC2S-90°Bend-100-100-230	100	100	230
EC2S-90°Bend-200-100-330	200	100	330
EC2S-90°Bend-300-100-430	300	100	430
EC2S-90°Bend-400-100-530	400	100	530
EC2S-90°Bend-500-100-630	500	100	630
EC2S-90°Bend-600-100-730	600	100	730

EC2S-Tee

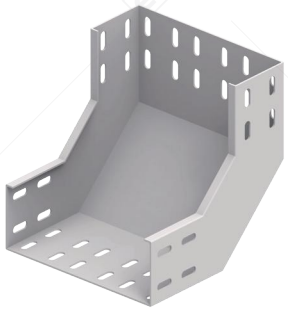


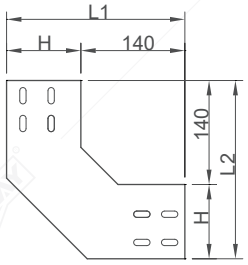


Ordering Code	W/mm	H/mm	L/mm
EC2S-Tee-100-100-230	100	100	230
EC2S-Tee-200-100-330	200	100	330
EC2S-Tee-300-100-430	300	100	430
EC2S-Tee-400-100-530	400	100	530
EC2S-Tee-500-100-630	500	100	630
EC2S-Tee-600-100-730	600	100	730

CE IEC EN 61357

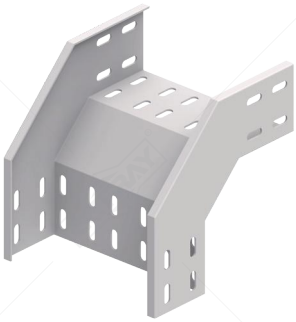
EC2S-Internal Riser

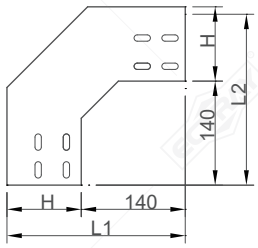




Ordering Code	W/mm	H/mm	L/mm
EC2S-INR-100-100-180	100	100	180
EC2S-INR-200-100-180	200	100	180
EC2S-INR-300-100-180	300	100	180
EC2S-INR-400-100-180	400	100	180
EC2S-INR-500-100-180	500	100	180
EC2S-INR-600-100-180	600	100	180

EC2S-External Riser



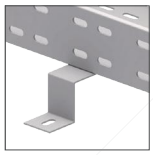


Ordering Code	W/mm	H/mm	L/mm
EC2S-EXR-100-100-180	100	100	180
EC2S-EXR-200-100-180	200	100	180
EC2S-EXR-300-100-180	300	100	180
EC2S-EXR-400-100-180	400	100	180
EC2S-EXR-500-100-180	500	100	180
EC2S-EXR-600-100-180	600	100	180

CE IEC EN 61357

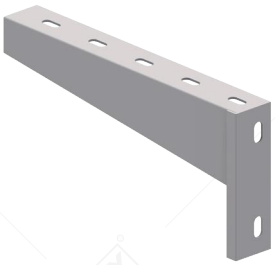
Under Floor Stand

Ordering Code	L/mm
UFS-200	200
UFS-300	300
UFS-400	400
UFS-500	500
UFS-600	600



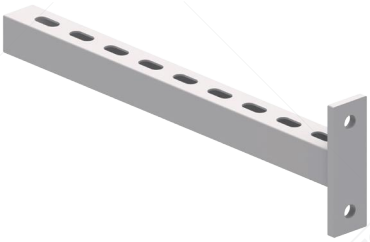
Wall Bracket - 1

Ordering Code	L/mm
WB-1-200	220
WB-1-300	320
WB-1-400	420
WB-1-500	520
WB-1-600	620



Wall Bracket - 2

Ordering Code	L/mm
WB-2-200	220
WB-2-300	320
WB-2-400	420
WB-2-500	520
WB-2-600	620



Straight Bracket

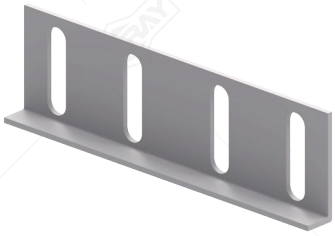
Ordering Code	L/mm
SB-200	260
SB-300	360
SB-400	460
SB-500	560
SB-600	660

Straight Ceiling Bracket

Ordering Code	L/mm
SCB-200	260
SCB-300	360
SCB-400	460
SCB-500	560
SCB-600	660

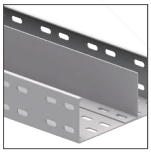
Splice Plate

Ordering Code	H/mm	L/mm
SP-40	40	180
SP-100	90	180



Divider

Ordering Code	H/mm	L/mm
D-35	35	-
D-85	85	-

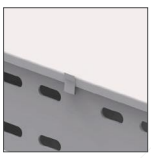


Bonding Jumper

Ordering Code	H/mm	L/mm
BJ	-	-

Cover Clamp 1

Ordering Code	H/mm	L/mm
CC1	-	-



Cover Clamp 2

Ordering Code	H/mm	L/mm
CC2	-	-

CABLE LADDER FOR SHIPBUILDING

Cable ladders for shipbuilding, marine, naval and offshore applications
Ladder cable tray for marine and offshore industries
Perforated cable tray for naval and offshore applications

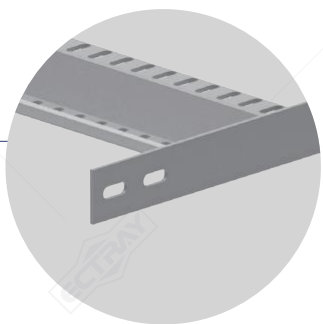
Cable ladders for marine and offshore applications

Naval and offshore applications
Ladder cable tray in marine and offshore industries
Perforated cable tray for naval and offshore applications

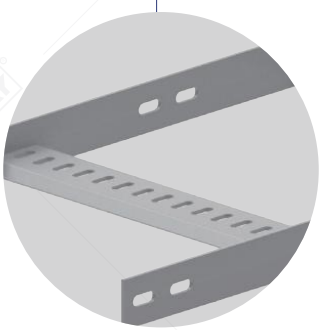
Advantages and Features

-Wide range of accessories
-A wide range of accessories, connectors, bends, etc.
-A wide range of accessories

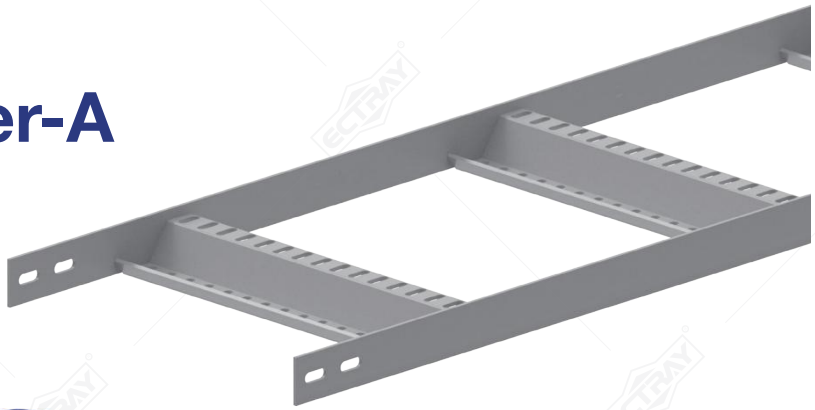
-The dimensions are 40 mm high and 2-3 meters long to adapt to the reduced space of ship facilities, and the wing length is 40 meters to adapt to ships with reduced gallery space.
-The dimensions are 40 mm high and 2-3 meters long to adapt to narrow spaces
-In ship facilities, the height is 40 mm and the length is 2-3 meters to adapt to the reduced space in the facility Ship



-Excellent functionality for supporting cables thanks to its beam and collision configuration
-Excellent functionality for the fixation configuration of traverses and trous
-Excellent functionality for fixing and supporting cables thanks to its configuration of crossbars and holes



Cable Ladder-A



Complies with UNE-EN 61537

Material:
-Stainless steel 304/316（SS）
-Hot dip galvanized

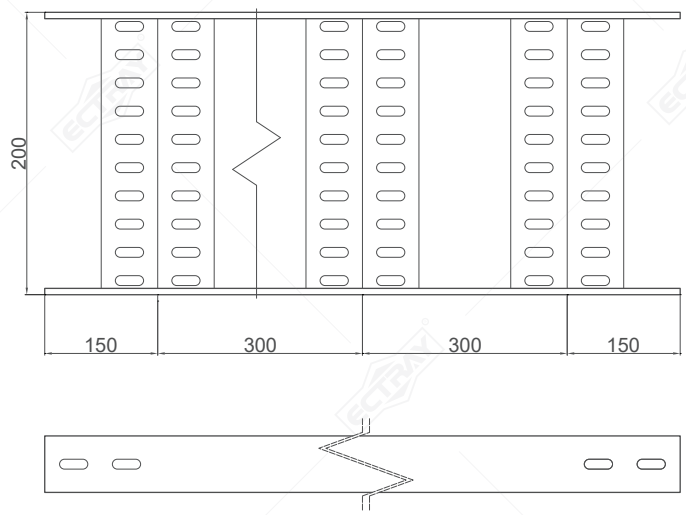
No fire	Corrosion resistance	Strong load-bearing capacity	-40ºC / 150ºC	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
CL-A-100-40	100x40	2000/2500/3000
CL-A-200-40	200x40	2000/2500/3000
CL-A-300-40	300x40	2000/2500/3000
CL-A-400-40	400x40	2000/2500/3000
CL-A-500-40	500x40	2000/2500/3000
CL-A-600-40	600x40	2000/2500/3000

*custom made:This product support customization

Port

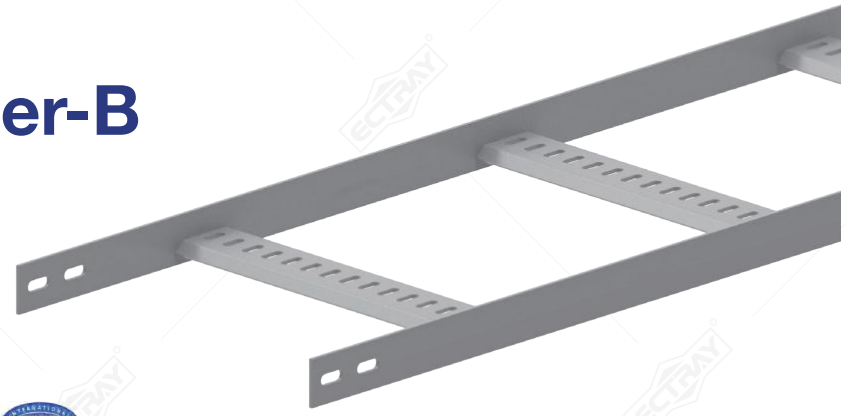
Offshore-Onshore



Cable Ladder-B

Complies with UNE-EN 61537

Material:
-Stainless steel 304/316（SS）
-Hot dip galvanized



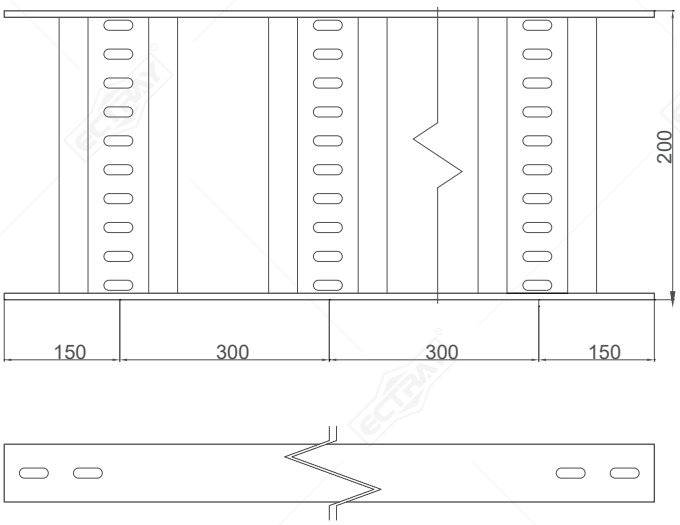
No fire	Corrosion resistance	Strong load-bearing capacity	-40ºC / 150ºC	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
CL-B-100-40	100x40	2000/2500/3000
CL-B-200-40	200x40	2000/2500/3000
CL-B-300-40	300x40	2000/2500/3000
CL-B-400-40	400x40	2000/2500/3000
CL-B-500-40	500x40	2000/2500/3000
CL-B-600-40	600x40	2000/2500/3000

*custom made:This product support customization

Port

Offshore-Onshore



ALUMINUM ALLOY LADDER CABLE TRAY

Lightweight, easy to transport and install, with high strength to bear the weight of cables, suitable for a variety of places, such as power plants, substations, etc.

Aluminum Alloy Ladder Cable Tray

Complies with UNE-EN 61537
Material:
-Aluminum Alloy

No fire	Corrosion resistance	Strong load-bearing capacity	-40ºC / 150ºC	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
AALCT-100-100	100x100	3000/6000
AALCT-200-100	200x100	3000/6000
AALCT-300-100	300x100	3000/6000
AALCT-400-100	400x100	3000/6000
AALCT-500-100	500x100	3000/6000
AALCT-600-100	600x100	3000/6000
AALCT-200-150	200x150	3000/6000
AALCT-300-150	300x150	3000/6000
AALCT-400-150	400x150	3000/6000
AALCT-500-150	500x150	3000/6000
AALCT-600-150	600x150	3000/6000
AALCT-200-200	200x200	3000/6000
AALCT-300-200	300x200	3000/6000
AALCT-400-200	400x200	3000/6000
AALCT-500-200	500x200	3000/6000
AALCT-600-200	600x200	3000/6000

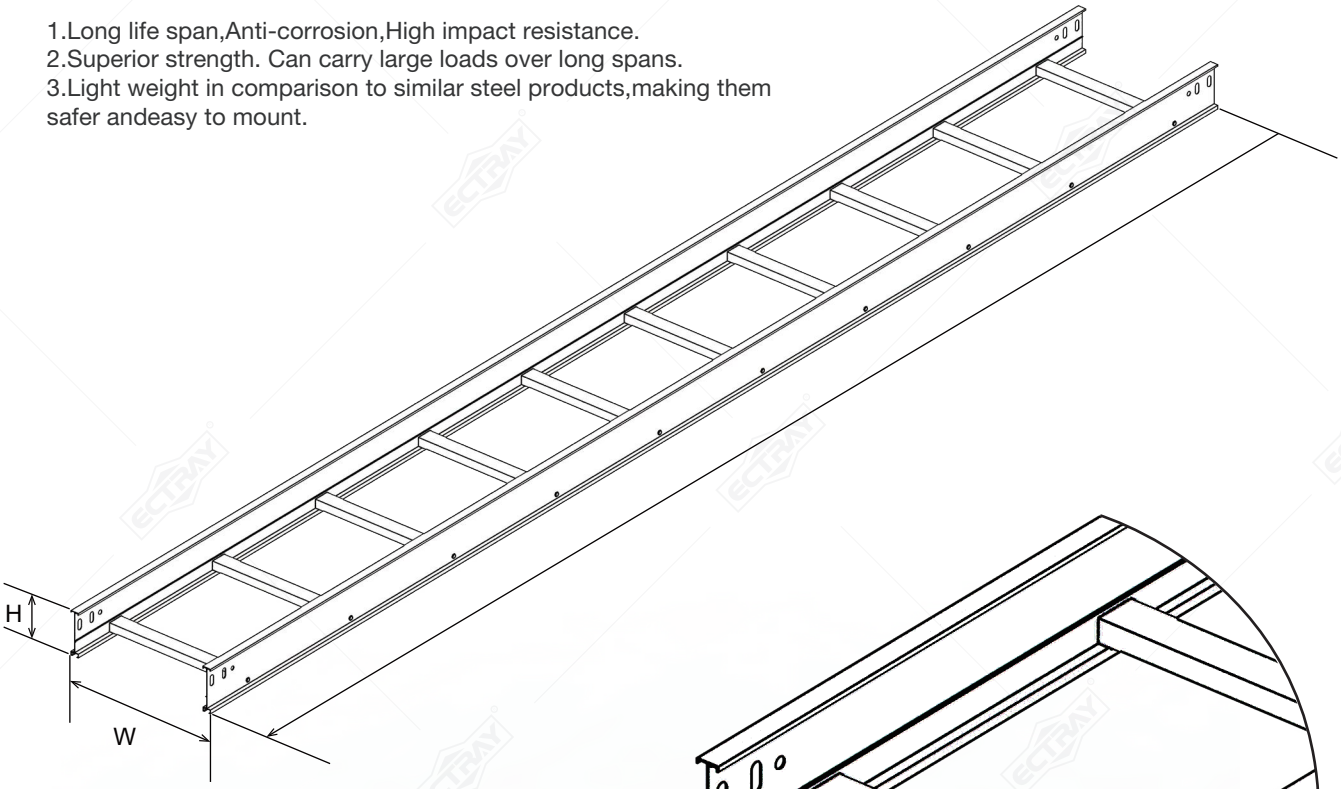
*custom made:This product support customization

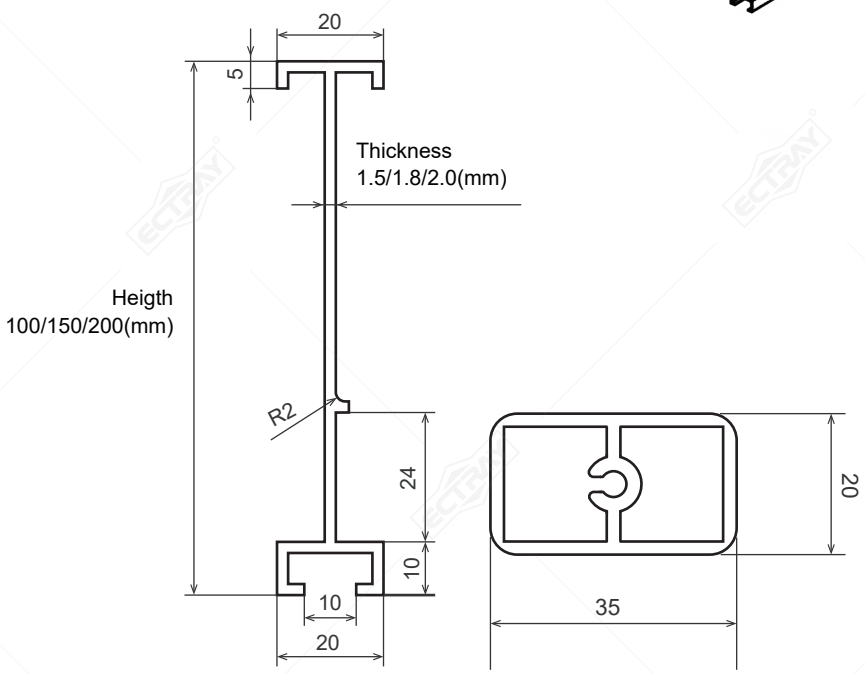
Powder Mining tunnel

Aluminum Alloy Ladder Cable Tray

Advantage

1.Long life span,Anti-corrosion,High impact resistance.
2.Superior strength. Can carry large loads over long spans.
3.Light weight in comparison to similar steel products,making them safer andeasy to mount.





CABLE LADDER FOR INDUSTRY

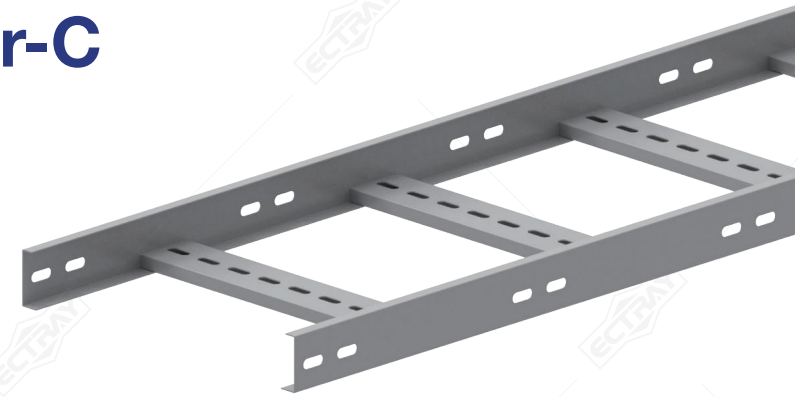
Cable Ladders are lightweight, easy to install, and offer high load capacity to manage large cable runs.

Good heat dissipation performance can not only extend the service life of the cable, but also reduce the safety hazards caused by excessive temperature and ensure the stable operation of the power system.

Cable Ladder-C

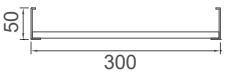
Complies with UNE-EN 61537

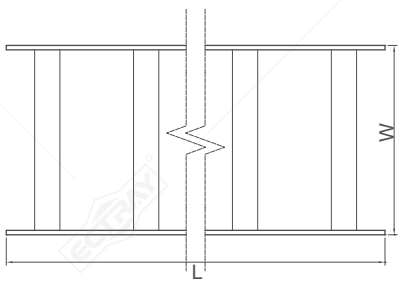
Material:
-Zinc Aluminum Magnesium（ZAM）
-Galvanised（GI）
-Stainless steel 304/316（SS）
-Aluminum
-Powder coating
-Hot dip galvanized



No fire	Corrosion resistance	Strong load-bearing capacity	-40℃ / 150℃	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
CL-C-50-50	50x50	2000/2500/3000
CL-C-100-50	100x50	2000/2500/3000
CL-C-200-50	200x50	2000/2500/3000
CL-C-300-50	300x50	2000/2500/3000
CL-C-400-50	400x50	2000/2500/3000
CL-C-100-75	100x75	2000/2500/3000
CL-C-200-75	200x75	2000/2500/3000
CL-C-300-75	300x75	2000/2500/3000
CL-C-400-75	400x75	2000/2500/3000
CL-C-500-75	500x75	2000/2500/3000
CL-C-100-100	100x100	2000/2500/3000
CL-C-200-100	200x100	2000/2500/3000
CL-C-300-100	300x100	2000/2500/3000
CL-C-400-100	400x100	2000/2500/3000
CL-C-500-100	500x100	2000/2500/3000
CL-C-200-150	200x150	2000/2500/3000
CL-C-300-150	300x150	2000/2500/3000
CL-C-400-150	400x150	2000/2500/3000
CL-C-500-150	500x150	2000/2500/3000
CL-C-600-150	600x150	2000/2500/3000



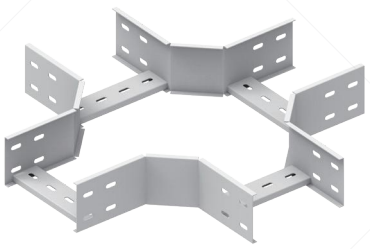


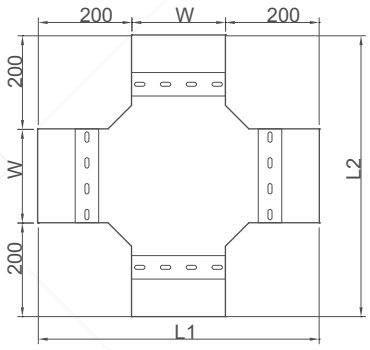
*custom made:This product supports customization.

Coastal buildings　Solar　Powder

CL-Cross

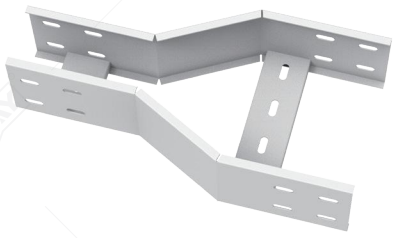
Ordering Code	W/mm	H/mm	L/mm
CL-Cross-200-50-600	200	50	600
CL-Cross-300-50-700	300	50	700
CL-Cross-400-50-800	400	50	800
CL-Cross-500-50-900	500	50	900
CL-Cross-600-50-1000	600	50	1000
CL-Cross-200-75-600	200	75	600
CL-Cross-300-75-700	300	75	700
CL-Cross-400-75-800	400	75	800
CL-Cross-500-75-900	500	75	900
CL-Cross-600-75-1000	600	75	1000
CL-Cross-200-100-600	200	100	600
CL-Cross-300-100-700	300	100	700
CL-Cross-400-100-800	400	100	800
CL-Cross-500-100-900	500	100	900
CL-Cross-600-100-1000	600	100	1000
CL-Cross-200-150-600	200	150	600
CL-Cross-300-150-700	300	150	700
CL-Cross-400-150-800	400	150	800
CL-Cross-500-150-900	500	150	900
CL-Cross-600-150-1000	600	150	1000

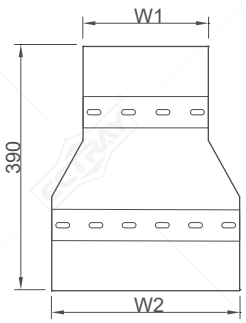




CL-Middle Reducer

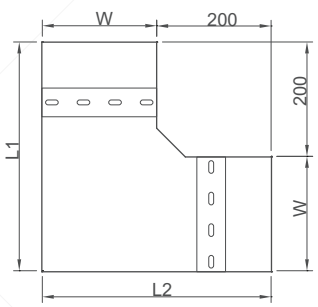
Ordering Code	W1 mm	W2 mm	H/mm	L/mm
CL-MIR-200-50-390	200	300	50	390
CL-MIR-300-50-390	300	400	50	390
CL-MIR-400-50-390	400	500	50	390
CL-MIR-500-50-390	500	600	50	390
CL-MIR-600-50-390	600	700	50	390
CL-MIR-200-75-390	200	300	75	390
CL-MIR-300-75-390	300	400	75	390
CL-MIR-400-75-390	400	500	75	390
CL-MIR-500-75-390	500	600	75	390
CL-MIR-600-75-390	600	700	75	390
CL-MIR-200-100-390	200	300	100	390
CL-MIR-300-100-390	300	400	100	390
CL-MIR-400-100-390	400	500	100	390
CL-MIR-500-100-390	500	600	100	390
CL-MIR-600-100-390	600	700	100	390
CL-MIR-200-150-390	200	300	150	390
CL-MIR-300-150-390	300	400	150	390
CL-MIR-400-150-390	400	500	150	390
CL-MIR-500-150-390	500	600	150	390
CL-MIR-600-150-390	600	700	150	390





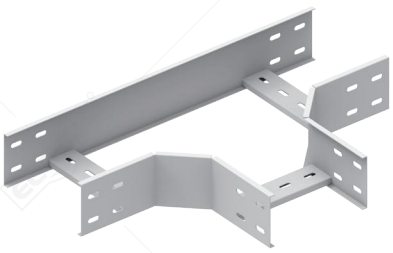
CL-90°Bend

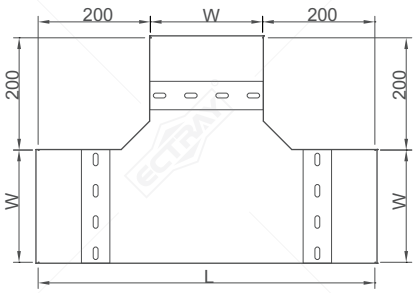
Ordering Code	W/mm	H/mm	L/mm
CL-90°Bend-200-50-470	200	50	470
CL-90°Bend-300-50-570	300	50	570
CL-90°Bend-400-50-670	400	50	670
CL-90°Bend-500-50-770	500	50	770
CL-90°Bend-600-50-870	600	50	870
CL-90°Bend-200-75-470	200	75	470
CL-90°Bend-300-75-570	300	75	570
CL-90°Bend-400-75-670	400	75	670
CL-90°Bend-500-75-770	500	75	770
CL-90°Bend-600-75-870	600	75	870
CL-90°Bend-200-100-470	200	100	470
CL-90°Bend-300-100-570	300	100	570
CL-90°Bend-400-100-670	400	100	670
CL-90°Bend-500-100-770	500	100	770
CL-90°Bend-600-100-870	600	100	870
CL-90°Bend-200-150-470	200	150	470
CL-90°Bend-300-150-570	300	150	570
CL-90°Bend-400-150-670	400	150	670
CL-90°Bend-500-150-770	500	150	770
CL-90°Bend-600-150-870	600	150	870



CL-Tee

Ordering Code	W/mm	H/mm	L/mm
CL-Tee-200-50-600	200	50	600
CL-Tee-300-50-700	300	50	700
CL-Tee-400-50-800	400	50	800
CL-Tee-500-50-900	500	50	900
CL-Tee-600-50-1000	600	50	1000
CL-Tee-200-75-600	200	75	600
CL-Tee-300-75-700	300	75	700
CL-Tee-400-75-800	400	75	800
CL-Tee-500-75-900	500	75	900
CL-Tee-600-75-1000	600	75	1000
CL-Tee-200-100-600	200	100	600
CL-Tee-300-100-700	300	100	700
CL-Tee-400-100-800	400	100	800
CL-Tee-500-100-900	500	100	900
CL-Tee-600-100-1000	600	100	1000
CL-Tee-200-150-600	200	150	600
CL-Tee-300-150-700	300	150	700
CL-Tee-400-150-800	400	150	800
CL-Tee-500-150-900	500	150	900
CL-Tee-600-150-1000	600	150	1000

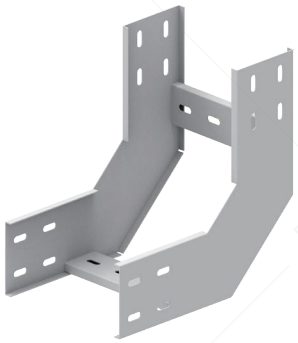


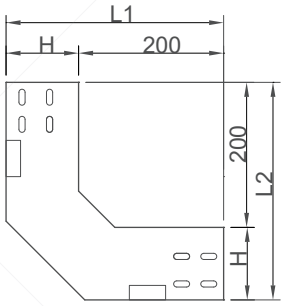


CL-Internal Riser

CE IEC EN 61357

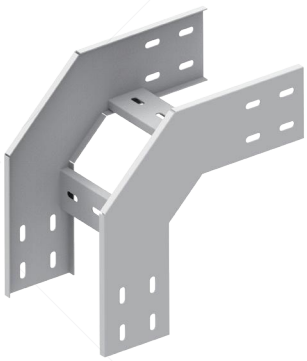
Ordering Code	W/mm	H/mm	L/mm
CL-INR-200-50-320	200	50	320
CL-INR-300-50-320	300	50	320
CL-INR-400-50-320	400	50	320
CL-INR-500-50-320	500	50	320
CL-INR-600-50-320	600	50	320
CL-INR-200-75-345	200	75	345
CL-INR-300-75-345	300	75	345
CL-INR-400-75-345	400	75	345
CL-INR-500-75-345	500	75	345
CL-INR-600-75-345	600	75	345
CL-INR-200-100-370	200	100	370
CL-INR-300-100-370	300	100	370
CL-INR-400-100-370	400	100	370
CL-INR-500-100-370	500	100	370
CL-INR-600-100-370	600	100	370
CL-INR-200-150-420	200	150	420
CL-INR-300-150-420	300	150	420
CL-INR-400-150-420	400	150	420
CL-INR-500-150-420	500	150	420
CL-INR-600-150-420	600	150	420

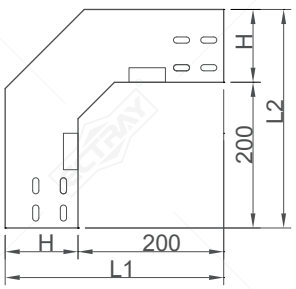




CL-External Riser

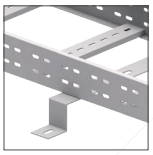
Ordering Code	W/mm	H/mm	L/mm
CL-EXR-200-50-320	200	50	320
CL-EXR-300-50-320	300	50	320
CL-EXR-400-50-320	400	50	320
CL-EXR-500-50-320	500	50	320
CL-EXR-600-50-320	600	50	320
CL-EXR-200-75-345	200	75	345
CL-EXR-300-75-345	300	75	345
CL-EXR-400-75-345	400	75	345
CL-EXR-500-75-345	500	75	345
CL-EXR-600-75-345	600	75	345
CL-EXR-200-100-370	200	100	370
CL-EXR-300-100-370	300	100	370
CL-EXR-400-100-370	400	100	370
CL-EXR-500-100-370	500	100	370
CL-EXR-600-100-370	600	100	370
CL-EXR-200-150-420	200	150	420
CL-EXR-300-150-420	300	150	420
CL-EXR-400-150-420	400	150	420
CL-EXR-500-150-420	500	150	420
CL-EXR-600-150-420	600	150	420





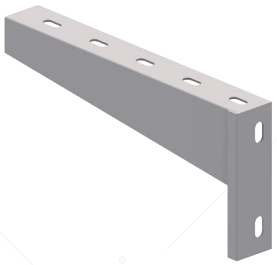
Under Floor Stand

Ordering Code	L/mm
UFS-200	200
UFS-300	300
UFS-400	400
UFS-500	500
UFS-600	600



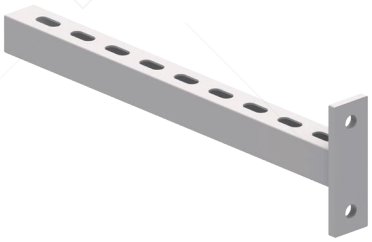
Wall Bracket - 1

Ordering Code	L/mm
WB-1-200	220
WB-1-300	320
WB-1-400	420
WB-1-500	520
WB-1-600	620



Wall Bracket - 2

Ordering Code	L/mm
WB-2-200	220
WB-2-300	320
WB-2-400	420
WB-2-500	520
WB-2-600	620



Straight Bracket

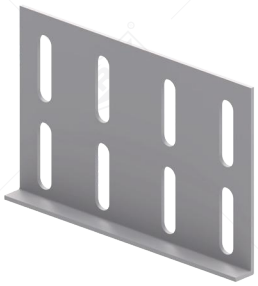
Ordering Code	L/mm
SB-200	260
SB-300	360
SB-400	460
SB-500	560
SB-600	660

Straight Ceiling Bracket

Ordering Code	L/mm
SCB-200	200
SCB-300	300
SCB-400	400
SCB-500	500

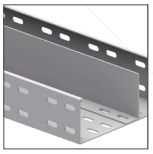
Splice Plate

Ordering Code	H/mm	L/mm
SP-50	50	140
SP-75	75	140
SP-100	100	140
SP-150	150	140



Divider

Ordering Code	H/mm	L/mm
D-35	35	-
D-85	85	-

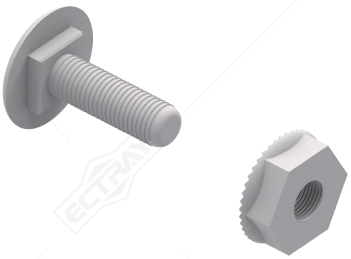


Bonding Jumper

Ordering Code	H/mm	L/mm
BJ	-	-

Bolt & Vut

Ordering Code	H/mm	L/mm
B&N	M8	16



Cover Clamp 2

Ordering Code	H/mm	L/mm
CC2	-	-

CABLE TRUNKING

In modern electrical engineering and intelligent wiring systems, trough cable tray are key carriers for cable protection and laying.

The rectangular cross-section design of the trough-type cable tray provides regular cable accommodation space, and can achieve zoned laying of multiple types of cables through layered partitions to avoid mutual interference between different cables.

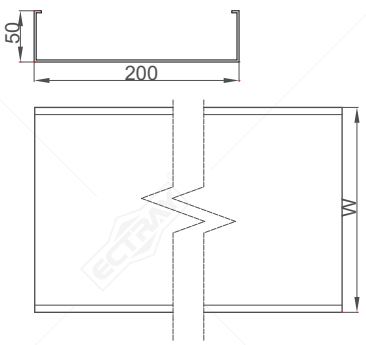
Cable Trunking

Complies with UNE-EN 61537

Material:
-Zinc Aluminum Magnesium（ZM）
-Galvanized（GI）
-Stainless steel 304/316（SS）
-Aluminum
-Powder coating
-Hot dip galvanized

No fire	Corrosion resistance	Strong load-bearing capacity	-40℃ / 150℃	Installation spacing 1.5m

Ordering Code	WxH/MM	Length/MM
CT-50-50	50x50	2000/2500/3000
CT-100-50	100x50	2000/2500/3000
CT-200-50	200x50	2000/2500/3000
CT-300-50	300x50	2000/2500/3000
CT-400-50	400x50	2000/2500/3000
CT-100-75	100x75	2000/2500/3000
CT-200-75	200x75	2000/2500/3000
CT-300-75	300x75	2000/2500/3000
CT-400-75	400x75	2000/2500/3000
CT-500-75	500x75	2000/2500/3000
CT-100-100	100x100	2000/2500/3000
CT-200-100	200x100	2000/2500/3000
CT-300-100	300x100	2000/2500/3000
CT-400-100	400x100	2000/2500/3000
CT-500-100	500x100	2000/2500/3000
CT-200-150	200x150	2000/2500/3000
CT-300-150	300x150	2000/2500/3000
CT-400-150	400x150	2000/2500/3000
CT-500-150	500x150	2000/2500/3000
CT-600-150	600x150	2000/2500/3000

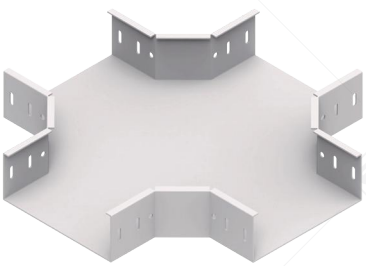


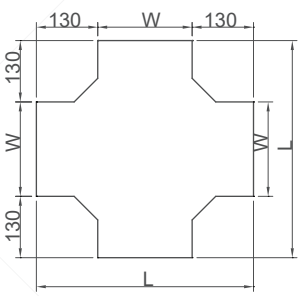
*custom made:This product supports customization.

Food Industry　Industrial Factory

CT-Cross

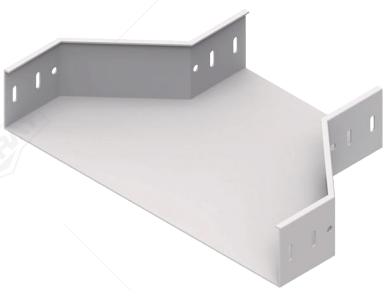
Ordering Code	W/mm	H/mm	L/mm
CT-Cross-50-50-310	50	50	310
CT-Cross-100-50-360	100	50	360
CT-Cross-200-50-460	200	50	460
CT-Cross-300-50-560	300	50	560
CT-Cross-400-50-660	400	50	660
CT-Cross-100-75-360	100	75	360
CT-Cross-200-75-460	200	75	460
CT-Cross-300-75-560	300	75	560
CT-Cross-400-75-660	400	75	660
CT-Cross-500-75-760	500	75	760
CT-Cross-100-100-360	100	100	360
CT-Cross-200-100-460	200	100	460
CT-Cross-300-100-560	300	100	560
CT-Cross-400-100-660	400	100	660
CT-Cross-500-100-760	500	100	760
CT-Cross-200-150-460	200	150	460
CT-Cross-300-150-560	300	150	560
CT-Cross-400-150-660	400	150	660
CT-Cross-500-150-760	500	150	760
CT-Cross-600-150-860	600	150	860

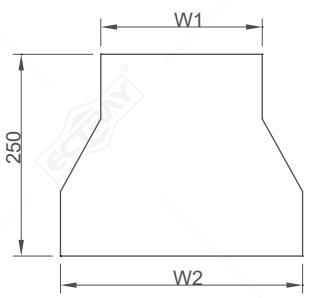




CL-Middle Reducer

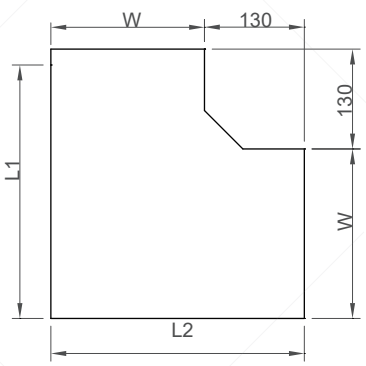
Ordering Code	W1 mm	W2 mm	H/mm	L/mm
CT-MIR-50-50-250	100	200	50	250
CT-MIR-100-50-250	200	300	50	250
CT-MIR-200-50-250	300	400	50	250
CT-MIR-300-50-250	400	500	50	250
CT-MIR-400-50-250	500	600	50	250
CT-MIR-100-75-250	100	200	75	250
CT-MIR-200-75-250	200	300	75	250
CT-MIR-300-75-250	300	400	75	250
CT-MIR-400-75-250	400	500	75	250
CT-MIR-500-75-250	500	600	75	250
CT-MIR-100-100-250	100	200	100	250
CT-MIR-200-100-250	200	300	100	250
CT-MIR-300-100-250	300	400	100	250
CT-MIR-400-100-250	400	500	100	250
CT-MIR-500-100-250	500	600	100	250
CT-MIR-200-150-250	200	300	150	250
CT-MIR-300-150-250	300	400	150	250
CT-MIR-400-150-250	400	500	150	250
CT-MIR-500-150-250	500	600	150	250
CT-MIR-600-150-250	600	700	150	250





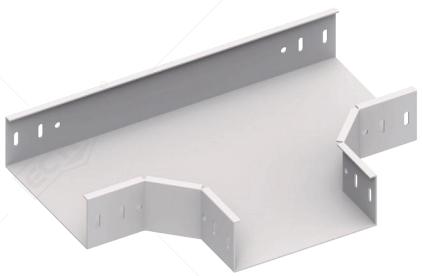
CT-90°Bend

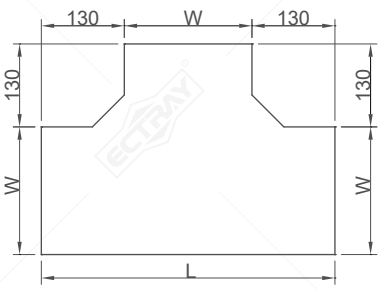
Ordering Code	W/mm	H/mm	L/mm
CT-90°Bend-50-50-180	50	50	180
CT-90°Bend-100-50-230	100	50	230
CT-90°Bend-200-50-330	200	50	330
CT-90°Bend-300-50-430	300	50	430
CT-90°Bend-400-50-530	400	50	530
CT-90°Bend-100-75-230	100	75	230
CT-90°Bend-300-75-330	200	75	330
CT-90°Bend-300-75-430	300	75	430
CT-90°Bend-400-75-530	400	75	530
CT-90°Bend-500-75-630	500	75	630
CT-90°Bend-100-100-230	100	100	230
CT-90°Bend-200-100-330	200	100	330
CT-90°Bend-300-100-430	300	100	430
CT-90°Bend-400-100-530	400	100	530
CT-90°Bend-500-100-630	500	100	630
CT-90°Bend-200-150-330	200	150	330
CT-90°Bend-300-150-730	300	150	430
CT-90°Bend-400-150-530	400	150	530
CT-90°Bend-500-150-630	500	150	630
CT-90°Bend-600-150-730	600	150	730



CT-Tee

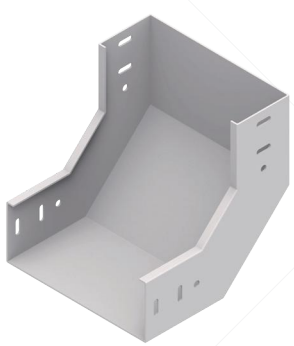
Ordering Code	W/mm	H/mm	L/mm
CT-Tee-50-50-230	50	50	310
CT-Tee-100-50-330	100	50	360
CT-Tee-200-50-430	200	50	460
CT-Tee-300-50-530	300	50	560
CT-Tee-400-50-630	400	50	660
CT-Tee-100-75-360	100	75	360
CT-Tee-200-75-460	200	75	460
CT-Tee-300-75-560	300	75	560
CT-Tee-400-75-660	400	75	660
CT-Tee-500-75-760	500	75	760
CT-Tee-100-100-360	100	100	360
CT-Tee-200-100-460	200	100	460
CT-Tee-300-100-560	300	100	560
CT-Tee-400-100-660	400	100	660
CT-Tee-500-100-760	500	100	760
CT-Tee-200-150-460	200	150	460
CT-Tee-300-150-560	300	150	560
CT-Tee-400-150-660	400	150	660
CT-Tee-500-150-760	500	150	760
CT-Tee-600-150-860	600	150	860

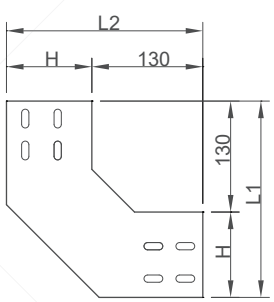




CT-Internal Riser

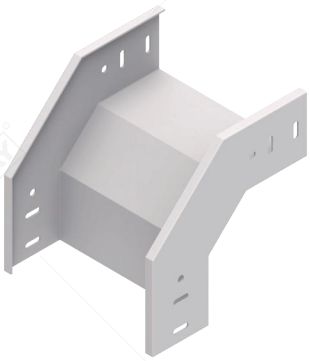
Ordering Code	W/mm	H/mm	L/mm
CT-INR-50-50-180	50	50	180
CT-INR-100-50-180	100	50	180
CT-INR-200-50-180	200	50	180
CT-INR-300-50-180	300	50	180
CT-INR-400-50-180	400	50	180
CT-INR-100-75-205	100	75	205
CT-INR-200-75-205	200	75	205
CT-INR-300-75-205	300	75	205
CT-INR-400-75-205	400	75	205
CT-INR-500-75-205	500	75	205
CT-INR-100-100-230	100	100	230
CT-INR-200-100-230	200	100	230
CT-INR-300-100-230	300	100	230
CT-INR-400-100-230	400	100	230
CT-INR-500-100-230	500	100	230
CT-INR-200-150-280	200	150	280
CT-INR-300-150-280	300	150	280
CT-INR-400-150-280	400	150	280
CT-INR-500-150-280	500	150	280
CT-INR-600-150-280	600	150	280

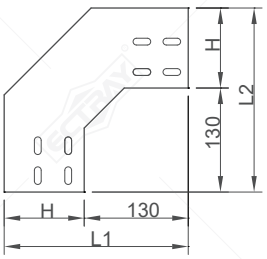




CT-External Riser

Ordering Code	W/mm	H/mm	L/mm
CT-EXR-50-50-180	50	50	180
CT-EXR-100-50-180	100	50	180
CT-EXR-200-50-180	200	50	180
CT-EXR-300-50-180	300	50	180
CT-EXR-400-50-180	400	50	180
CT-EXR-100-75-205	100	75	205
CT-EXR-200-75-205	200	75	205
CT-EXR-300-75-205	300	75	205
CT-EXR-400-75-205	400	75	205
CT-EXR-500-75-205	500	75	205
CT-EXR-100-100-230	100	100	230
CT-EXR-500-100-230	200	100	230
CT-EXR-300-100-230	300	100	230
CT-EXR-400-100-230	400	100	230
CT-EXR-500-100-230	500	100	230
CT-EXR-200-150-280	200	150	280
CT-EXR-300-150-280	300	150	280
CT-EXR-400-150-280	400	150	280
CT-EXR-500-150-280	500	150	280
CT-EXR-600-150-280	600	150	280



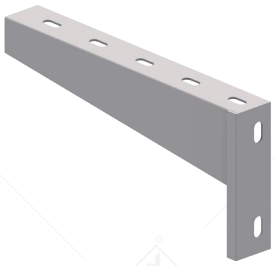


Under Floor Stand

Ordering Code	L/mm
UFS-200	200
UFS-300	300
UFS-400	400
UFS-500	500
UFS-600	600

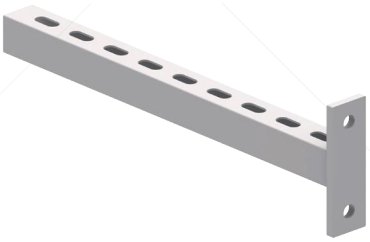
Wall Bracket - 1

Ordering Code	L/mm
WB-1-200	220
WB-1-300	320
WB-1-400	420
WB-1-500	520
WB-1-600	620



Wall Bracket - 2

Ordering Code	L/mm
WB-2-200	220
WB-2-300	320
WB-2-400	420
WB-2-500	520
WB-2-600	620

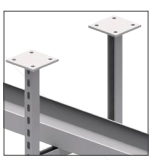


Straight Bracket

Ordering Code	L/mm
SB-200	260
SB-300	360
SB-400	460
SB-500	560
SB-600	660

Straight Ceiling Bracket

Ordering Code	L/mm
SCB-200	260
SCB-300	360
SCB-400	460
SCB-500	560
SCB-600	660



Splice Plate

Ordering Code	H/mm	L/mm
SP-50	50	140
SP-75	75	140
SP-100	100	140
SP-150	150	140

Divider

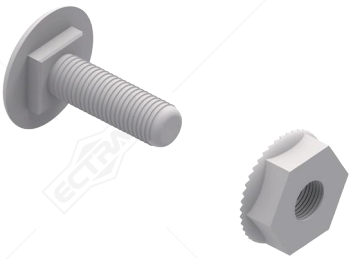
Ordering Code	H/mm	L/mm
D-35	35	-
D-85	85	-

Bonding Jumper

Ordering Code	H/mm	L/mm
BJ	-	-

Cover Clamp 1

Ordering Code	H/mm	L/mm
CHB&FN	-	-



Cover Clamp 2

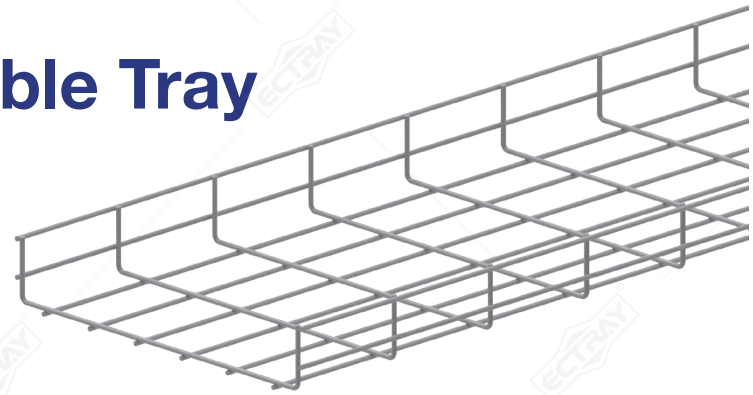
Ordering Code	H/mm	L/mm
CC1	-	-

WIRE MESH CABLE TRAY

The open structure of the grid cable tray uses the best ventilation, fast heat dissipation and is more energy-saving than traditional trunking.

Through the rationally designed beams and supporting structures, it can bear heavy-duty cables and is suitable for heavy-duty scenarios such as industry and power.

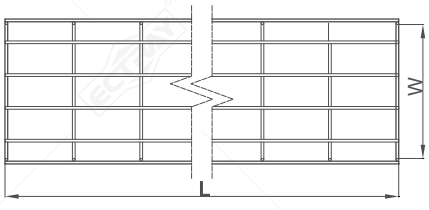
Wire Mesh Cable Tray



Complies with UNE-EN 61537
Material:
-Galvanized（GI）
-Stainless steel 304/316（SS）
-Powder coating
-Hot dip galvanized

No fire	Corrosion resistance	Strong load-bearing capacity	-40℃ / 150℃	Installation spacing 1.5m

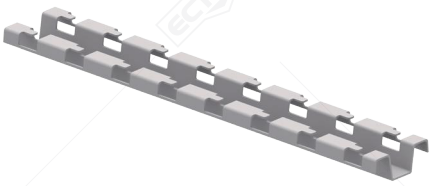
Ordering Code	WxH/MM	Length/MM
WM-50-35	50x35	2000/2500/3000
WM-100-35	100x35	2000/2500/3000
WM-150-35	150x35	2000/2500/3000
WM-200-35	200x35	2000/2500/3000
WM-250-35	250x35	2000/2500/3000
WM-300-35	300x35	2000/2500/3000
WM-450-35	450x35	2000/2500/3000
WM-600-35	600x35	2000/2500/3000
WM-50-50	50x50	2000/2500/3000
WM-100-50	100x50	2000/2500/3000
WM-150-50	150x50	2000/2500/3000
WM-200-50	200x50	2000/2500/3000
WM-250-50	250x50	2000/2500/3000
WM-300-50	300x50	2000/2500/3000
WM-450-50	450x50	2000/2500/3000
WM-600-50	600x50	2000/2500/3000
WM-100-100	100x100	2000/2500/3000
WM-150-100	150x100	2000/2500/3000
WM-200-100	200x100	2000/2500/3000
WM-250-100	250x100	2000/2500/3000
WM-300-100	300x100	2000/2500/3000
WM-450-100	450x100	2000/2500/3000
WM-500-100	500x100	2000/2500/3000
WM-600-100	600x100	2000/2500/3000

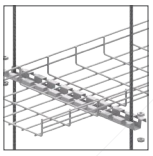


Solar　Data Center

Straight Bracket

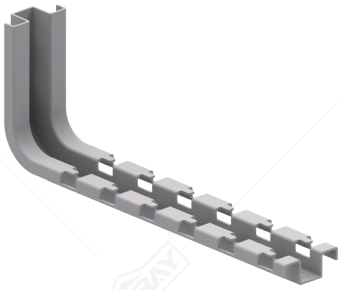
Ordering Code	L/mm
SB-150	150
SB-200	200
SB-350	300
SB-400	400
SB-500	500





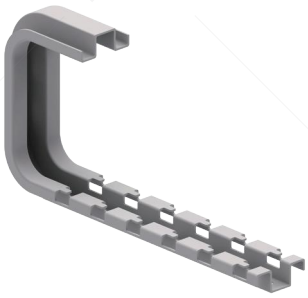
L Bracket

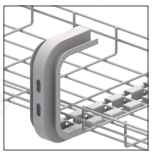
Ordering Code	L/mm
LB-100	100
LB-150	150
LB-250	250
LB-350	350
LB-450	450



U Bracket

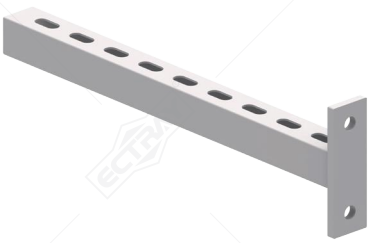
Ordering Code	L/mm
UB-100	100
UB-200	200
UB-250	250
UB-350	350
UB-450	450





Wall Bracket

Ordering Code	L/mm
WB-100	120
WB-150	170
WB-250	270
WB-350	370
WB-450	470



Straight Bracket

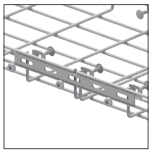
Ordering Code	L/mm
SB-200	260
SB-300	360
SB-400	460
SB-500	560
SB-600	660

Faster Connector

Ordering Code	L/mm
FC	-

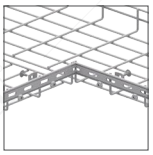
Splice Bar

Ordering Code	L/mm
SB	-



Tee Splice Bar

Ordering Code	L/mm
TSB	-

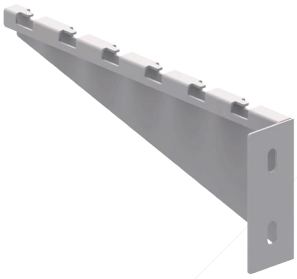


Floor Stand

Ordering Code	L/mm
FS-150	150
FS-200	200
FS-300	300
FS-400	400
FS-500	500

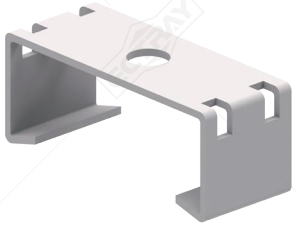
Wall Bracket

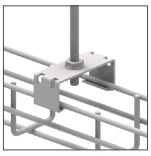
Ordering Code	L/mm
WB-150	150
WB-200	200
WB-300	300
WB-400	400
WB-500	500



Tray Holder

Ordering Code	L/mm
TH	-



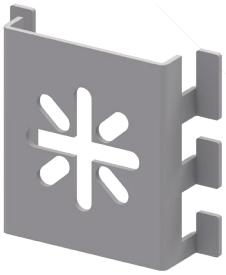


Drop-out

Ordering Code	L/mm
DO	-

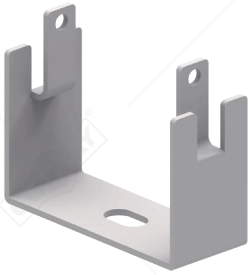
Wall Bracket

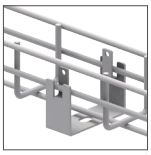
Ordering Code	L/mm
WB	-



Floor Brackets

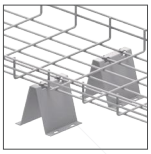
Ordering Code	L/mm
FB-100	-





Under Floor Stand

Ordering Code	L/mm
UFS	-



Faster Connector

Ordering Code	L/mm
HDP	-

Square Splice Washer

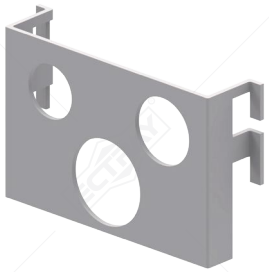
Ordering Code	L/mm
SSW	-

Cross Bow Buckle

Ordering Code	L/mm
CBB	-

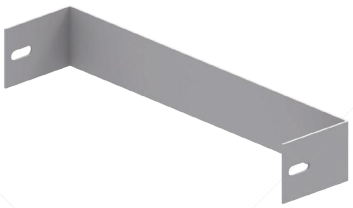
Conduit Connector

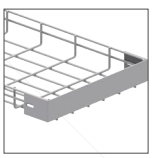
Ordering Code	L/mm
CC	-



End Cap

Ordering Code	L/mm
EC-200	200
EC-300	300
EC-400	400
EC-500	500
EC-600	600



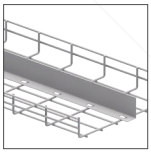


Strut Channel

Ordering Code	L/mm
SC	-

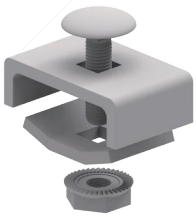
Divider

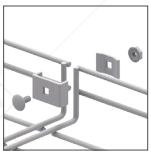
Ordering Code	H/mm	L/mm
D-50	50	-
D-75	75	-
D-100	100	-
D-150	150	-



Conbector Assembly

Ordering Code	L/mm
CA	-



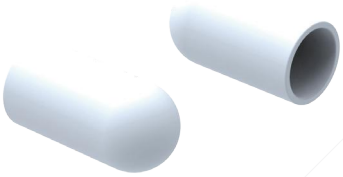


Angular Bolt Cutter

Ordering Code	L/mm
ABC	-

Rubber Cap

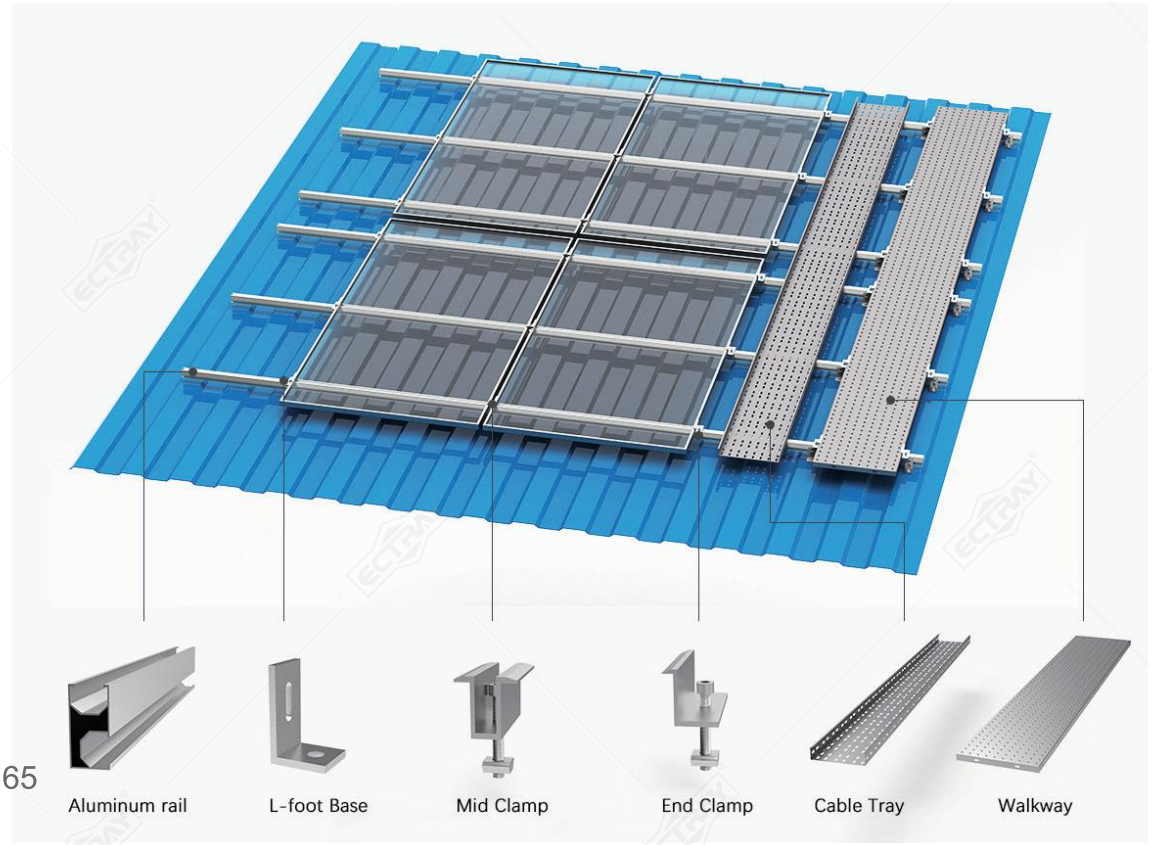
Ordering Code	L/mm
RC	-



SOLAR MOUNTING SYSTEM

Solar mounting system are the core basic components for building solar power generation systems.

It is a key component covering the entire process from light energy conversion to electrical energy output, and its performance directly affects the system efficiency and lifespan.


Aluminum rail
L-foot Base
Mid Clamp
End Clamp
Cable Tray
Walkway

E10 Aluminum rail

Dimensions	H53*W28*L4200mm
Weight	0.583 kg/m
Packaging	480 pcs per pallet
Material	AL6063
Color	Silver(anodised, no less than 10 um)

Assembly

Fixing the framed panel
with End Clamp

Fixing the framed panel
with Inter Clamp

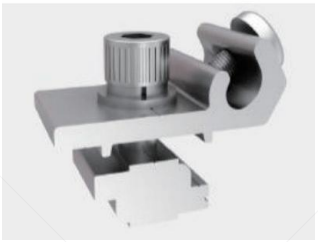
Component

End Clamp
Part No.: MG-L-FM-03/L50

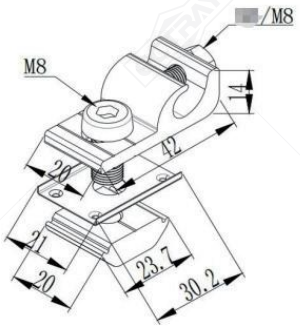
Inter Clamp
Part No:MG-MC-N-F/L50

Technical Specification	
Application	MG-L-FM-03/L50 is for framed Py Modules of 35-37mm in height(with ECO-Rail, E10 Rail and T-Rail):MG-MC-N -F/L50 is for framedPV Modules of 35mm fwith ECO-Rail and E10 Rail) /31-36mm (withT-Rail) in height;
Requirement	MG-L-FM-03/L50 needs 20mm space on each side othe Rail;MG-MC-N-F/L50/L50 needs 18mm space between PV Modules;
Recommended Torque	16-20N-m
Weight	MG-L-FM-03/L50: 0.056 Kg / MG-MC-N-F/L50:0.058Kg
Packaging	MG-L-FM-03/L50: 80 units per pack, 4 packs (320units) per carton, MG-MC-N-F/L50: 80 units per pack, 4 packs (320units) per carton;
Material	Main Structure: AL6063 Fasteners: SUS 304
Color	Silver(anodised, no less than 10 um)

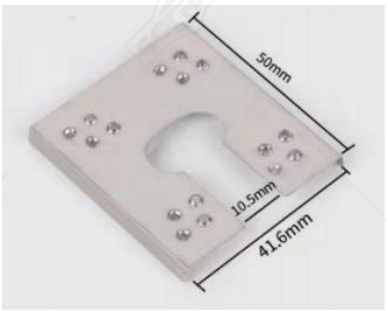
Componet Grounding Lug
Part No.: GL-01



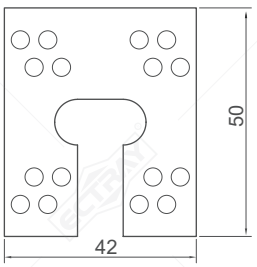
Technical Specification	
Application	For Clenergy's PV Mounting System
Fixing method	Fixing into Rails that have Z module channel
Max Cable Size	10 mm²
Dimensions	W21*L42mm
Weight	0.05 kg
Packaging	80 units per pack, 4 packs (320units) per carton
Material	Lug and Z module: AL6063 Bolt/Washer: SUS 304:



Grounding Clip,with Clenergy Logo
Part No.: GC-01

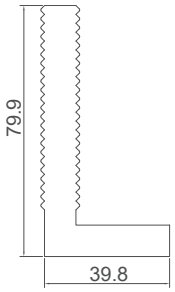


Technical Specification	
Fixation method	Fixed on the PV module frame, fix two cables
PV panel type	Only applicable to PV modules with frame
Dimensions	W42*L50*H3.7mm
Weight	0.0003 kg
Packaging	1000 units per pack, 4 packs (4000units) per carton
Material	SUS 304 1/2H



Componet L Foot Mount
Part No.: MG-MR-HB-01

Technical Specification	
Application	Tin Roof
Purin Requirement	Metal Purlin
Screw Specification	1 x Stainless Steel Self-drilling screw M10*200 for metal purlin
EPDM	Pre-fitted (1mm thickness)
Dimensions	L40mm
Color	Silver (half anodized, no less than 10um)
Weight	0.156kg
Packaging	70 units per pack, 2 packs (140 units) per carton
Material	Main Structure: AL6063 Bolts/washers/nuts: SUS304 Rubber Pad: EPDM

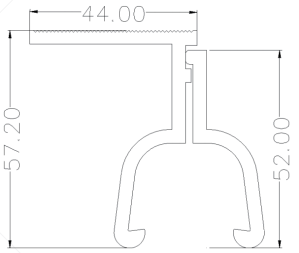


Universal Cable Clip for PV Panels for holding 2 cables
Part No.: C-002

Technical Specification	
Fixation method	Fixed on the frame of PV module, holding two cables
PV Module Type	For framed PV Module only
PV Module Frame	1.3-2.0 mm
Min PV Module Frame Width	12 mm
Max Cable Size	10 mm^2
Dimensions	L25mm*W12.6mm*H12mm
Weight	0.00045 kg
Packaging	900 units per pack, 4 packs (3600units) per carton
Material	SUS 304 1/2H

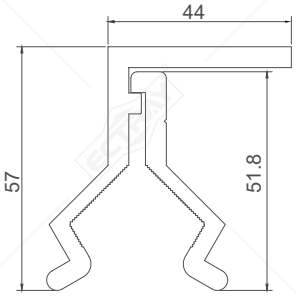
Component Clip Lock Kit
Part No.: YS-CL 05

Technical Specification	
Application	Tin Roof
Purin Requirement	Metal Purlin
EPDM	Pre-fitted (1mm thickness)
Dimensions	480 pcs per pallet
Weight	0.11kg
Packaging	70 units per pack, 2 packs (140 units) per carton
Material	Main Structure: AL6063 Bolts/washers/nuts: SUS304 Rubber Pad: EPDM
Color	Silver (half anodized, no less than 10um)



Component Clip Lock Kit
Part No.: YS-CL-05

Technical Specification	
Application	Clip Lock Kit,with 2 sets of screws
Purin Requirement	Metal Purlin
EPDM	Pre-fitted (1mm thickness)
Dimensions	L50mm
Weight	0.11kg
Packaging	70 units per pack, 2 packs (140 units) per carton
Material	Main Structure: AL6063 Bolts/washers/nuts: SUS304 Rubber Pad: EPDM
Color	Silver (half anodized, no less than 10um)



SOLAR WALKWAY

ECTRAY solar system walkways are designed in a way to provide cost effective solutions, These walkways are perfect for rooftop application providing lightweight and a safe walkway system.

Applications

- Rooftop ideal on Steel roof
- Concrete Roof
- Industrial Plants Roof
- Ground Mounted

SOLAR SYSTEM WALKWAY

ECTRAY Zn-Al-Mg is a highly corrosion-resistant hot-dip Zinc-Aluminum-Magnesium alloy coated steel sheet. Due to the effects of magnesium and aluminum, Zn-Al-Mg has excellent corrosion resistance, scratch resistance and formability.

Due to the addition of magnesium element,the incision corrosion resistance is good (incision can be automaticallyrepaired to prevent the production of red rust, one of the biggest features)

Material: Zinc Aluminum Magnesium

- Warranty for 30 years
- Lightweight and energy-saving
- Has been widely used in China

DIMENSIONAL DETAILS

- Standard width:380mm
- Length:custom

Applications

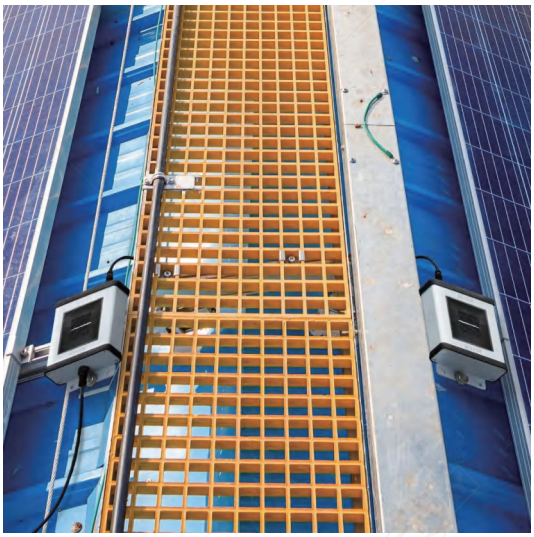
- Rooftop ideal on Steel roof
- Concrete Roof
- Industrial Plants Roof
- Ground Mounted

FRP WALKWAY

ECTRAY Walkways are designed in a way to provide cost effective solutions, The open mesh Grating allows chips and Fluids to fall below the standing surface, This protect workers from falling or slipping hazards. These walkways are perfect for Rooftop application providing lightweight and a safe walkway system.

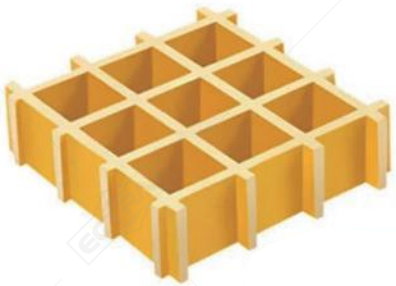
ECTRAY FRP Rooftop Walkway Advantages:

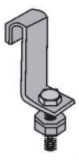
Slip Resistant & Corrosion Resistant Lighter in weight compared to (Metal,S.S,G.I) Long Service Life & Ease to carry & Install.Superior Ergonomics Suitable for flat, corrugatedor standing seam roofs.Protects roof sheeting from damage.

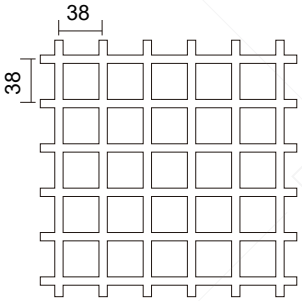


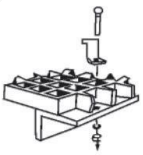
DIMENSIONAL DETAILS

Thickness (mm)	Dimensions (mm)	Mesh Size (mm)	UDL Load/Kg/m2
25	1200x3660	38x38	12.50
30	1200x3660	38x38	14.75
38	1200x3660	38x38	19.50

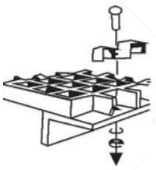




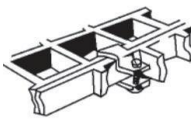




“L”Clips



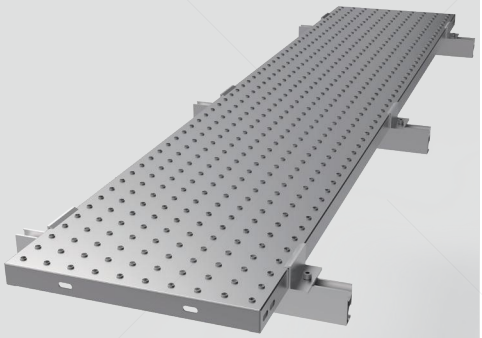
“M”Clips



“C”Clips

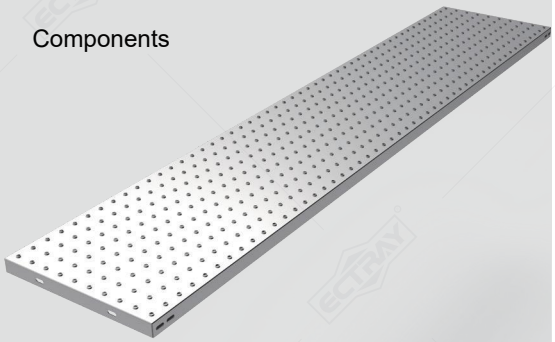
SOLAR WALKWAY

Roof walkways are designed to assist in ongoing maintence and also to prodect roofs during walking.
Our Walking is compatiblewith all our products;
ECO Rail,R50 Rail,DT Rail,L-feet,etc.
For increased versatility,we offer multiple choice of length,width.
The product can be applied to go alongside any roofing installation,for example solar or HVAC system.



Assembly

Components



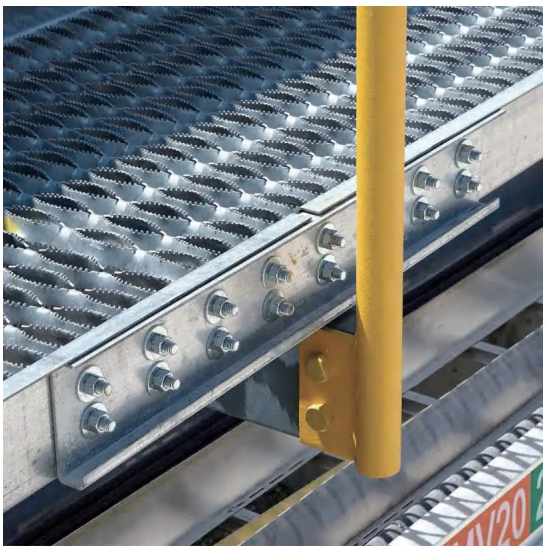
Technical Specification

Fixing method	Fixing on the Rail with clamps
Dimensions	Length:2000 or 3000mm / Width:350 or 400mm / Height:35 or 40mm
Weight	WX35/350/2000M:10.2KG WX35/350/2000M:10.2KG WX35/350/2000M:10.2KG
Material	Zinc aluminum magnesium
Standard	EN ISO 1461
Warranty	> 20 years

Heavy Duty Grip Strut Walkway

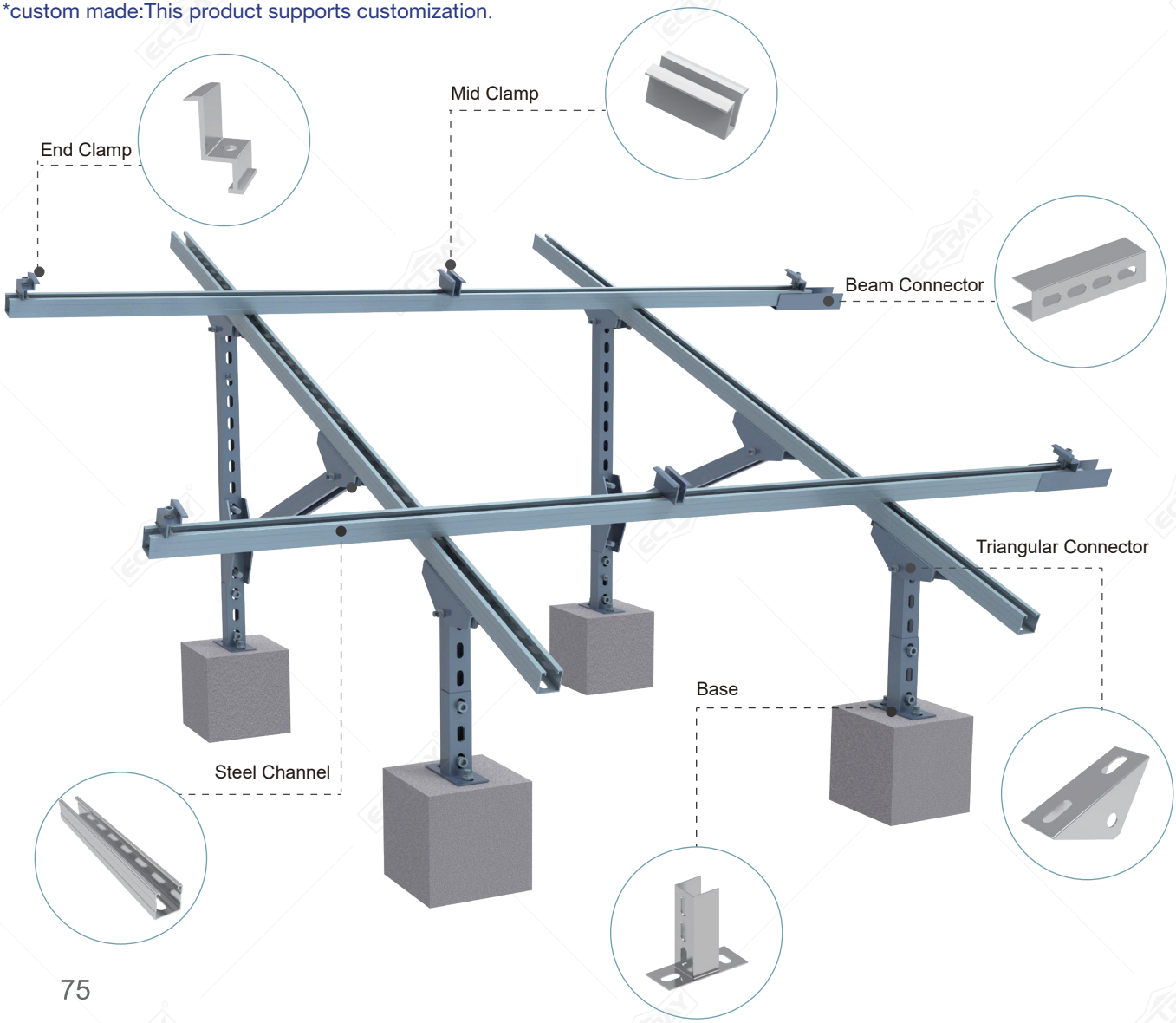
Gratings for greater loads, safer walking

- High strength-to-weight ratio — efficient structural design means large-load capacity with low deadweight
- Slip resisting surface — scores of tiny teeth grip shoes tightly
- Open design — sheds slip-causing stones, dirt and debris
- Slip-resisting serrated or less harsh non-serrated wearing surfaces tailor long life to diverse service conditions sheds slip causing stones, dirt and debris
- Splice plates speed assembly without welding



Dimensions	
Height (mm)	20-30
Width (mm)	300-400
Length (mm)	2000-3000
Thickness (mm)	2.0-3.0

*custom made:This product supports customization.



Slotted Channel

Ordering Code	W (mm)	HL (mm)
BS3300G	41	3000

Slotted Channel

Ordering Code	W (mm)	HL (mm)
BS1000TG	41	3000

Slotted Channel

Ordering Code	W (mm)	HL (mm)
BS4000G	41	2000

Slotted Channel

Ordering Code	W (mm)	HL (mm)
BS5500TG	41	2000

Slotted Channel

Ordering Code	W (mm)	HL (mm)
BS8000TG	41	2000

Plain Channel

Ordering Code	W (mm)	H (mm)	L (mm)
BS3300G	41	21	3000

Plain Channel

Ordering Code	W (mm)	H (mm)	L (mm)
BS1000G	41	41	3000

Plain Channel

Ordering Code	W (mm)	H (mm)	L (mm)
BS4000G	41	52	3000

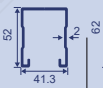
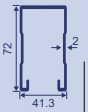
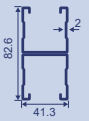
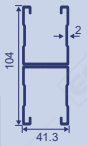
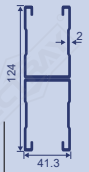
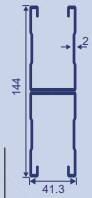
Plain Channel

Ordering Code	W (mm)	H (mm)	L (mm)
BS5500G	41	62	3000

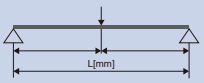
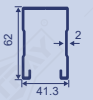
Plain Channel

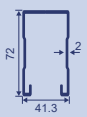
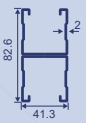
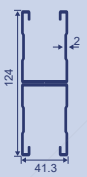
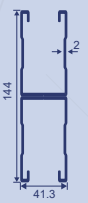
Ordering Code	W (mm)	H (mm)	L (mm)
BS8000G	41	82	3000

Channel Steel Physical Properties

Technical Data Axis Definition	Channel steel section									
										
	JL-21	JL-41	JL-52	JL-62	JL-72	JL-21D	JL-41D	JL-52D	JL-52-72D	JL-72D
wall thickness f[mm]	2.00	2.00	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Cross-sectional area A[mm²]	175.91	258.63	367.64	417.64	515.47	351.82	517.26	735.28	883.11	1030.95
weight [kg/m]	1.69	2.90	3.40	3.73	4.20	3.38	5.80	8.40	7.60	8.40
standard length [m]	3/6	3/6	3/6	3/6	3/6	3/6	3/6	3/6	3/6	3/6
Yield Strength fyk[N/mm²]	300.00	290.00	300.00	295.00	290.00	300.00	290.00	290.00	290.00	290.00
allowable tensile stress [N/mm²]	195.00	188.50	195.00	191.75	188.50	195.00	188.50	188.50	188.50	188.50
allowable shear stress [N/mm²]	112.50	108.75	112.50	110.62	108.75	112.50	108.75	108.75	108.75	108.75
Elastic Modulus [N/mm²]	210000	210000	210000	210000	210000	210000	210000	210000	210000	210000
shear modulus [N/mm²]	81000	81000	81000	81000	81000	81000	81000	81000	81000	81000
from notch e1[mm]	10.84	21.08	26.57	31.55	36.64	20.60	41.30	52.00	62.05	72.00
From the back of the groove e2[mm]	-9.75	-20.21	-25.42	-30.44	-35.35	-20.60	-41.30	-52.00	-61.94	-72.00
from shear center axis $z_{m(AofG)}$[mm]	-20.50	-40.00	-51.80	-61.75	-71.10	0.00	0.00	0.00	-20.40	0.00
moment of inertia Ly[cm⁴]	0.95	5.58	11.83	18.65	29.69	8.59	32.30	71.21	120.81	188.27
Section modulus Wy^1[cm³]	0.88	2.64	4.45	5.91	8.10	2.55	7.82	13.69	19.47	26.14
Opening downward Wy^2[cm³]	0.98	2.76	4.65	6.12	8.39	2.55	7.82	13.69	19.50	26.14
Radius of gyration iy[cm4]	0.73	1.46	1.79	2.11	2.40	1.22	2.49	3.11	3.69	4.27
Allowable bending moment My[Nm]	172.20	499.01	868.44	1133.66	1527.72	498.35	1474.55	2581.36	3670.20	4929.10
moment of inertia Lz[cm⁴]	4.62	7.68	11.17	13.05	15.90	9.25	15.36	22.34	27.07	31.80
Section modulus Wz[cm³]	2.24	3.71	5.41	6.32	7.70	4.48	7.43	10.82	13.11	15.40
resistance distance Wz[cm³]	2.29	3.81	5.54	6.48	78931	4.59	7.62	11.09	13.43	15.78
Radius of gyration iz[cm]	1.62	1.72	1.74	1.76	1.75	1.62	1.72	1.74	1.75	1.75

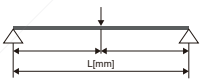
Channel Steel Selection Table

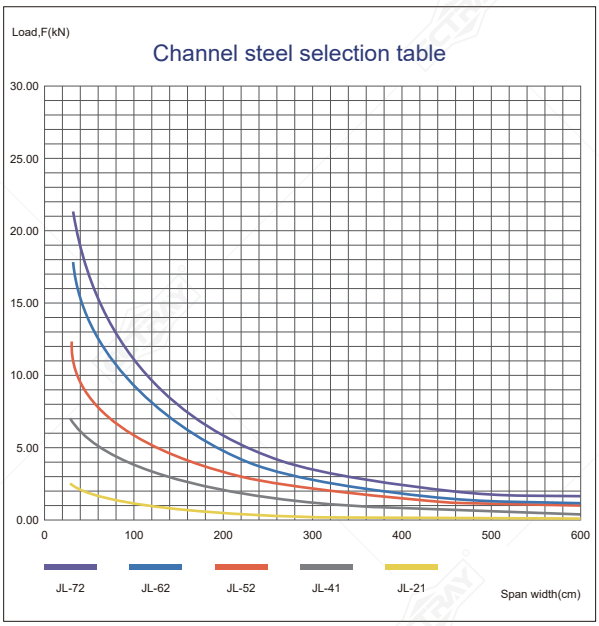
	 **JL-21**	 **JL-41**	 **JL-52**	 **JL-62**
Span/L(mm)	F(kN) max.	F(kN) max.	F(kN) max.	F(kN) max.
250	5.60	15.20	21.50	28.00
500	2.80	7.50	10.70	14.00
750	1.80	5.00	7.10	9.30
1000	1.40	3.70	5.30	7.00
1250	1.10	3.00	4.30	5.60
1500	0.90	2.50	3.50	4.60
1750	0.80	2.10	3.00	4.00
2000	0.70	1.80	2.60	3.50

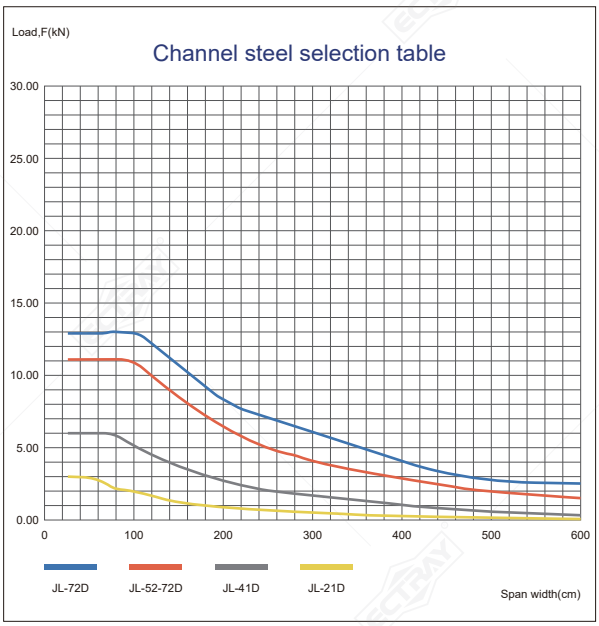
 **JL-72**	 **JL-21D**	 **JL-41D**	 **JL-52D**	 **JL-62D**
F(kN) max.	F(kN) max.	F(kN) max.	F(kN) max.	F(kN) max.
35.20	14.80	41.00	59.80	79.70
17.60	7.40	20.50	29.90	39.80
11.70	4.90	13.60	19.90	26.50
8.80	3.70	10.20	14.90	19.90
7.00	2.90	8.20	11.90	15.90
5.80	2.40	6.80	9.90	13.20
5.00	2.10	5.80	8.50	11.30
4.40	1.80	5.10	7.40	9.90

Channel Steel Selection Table

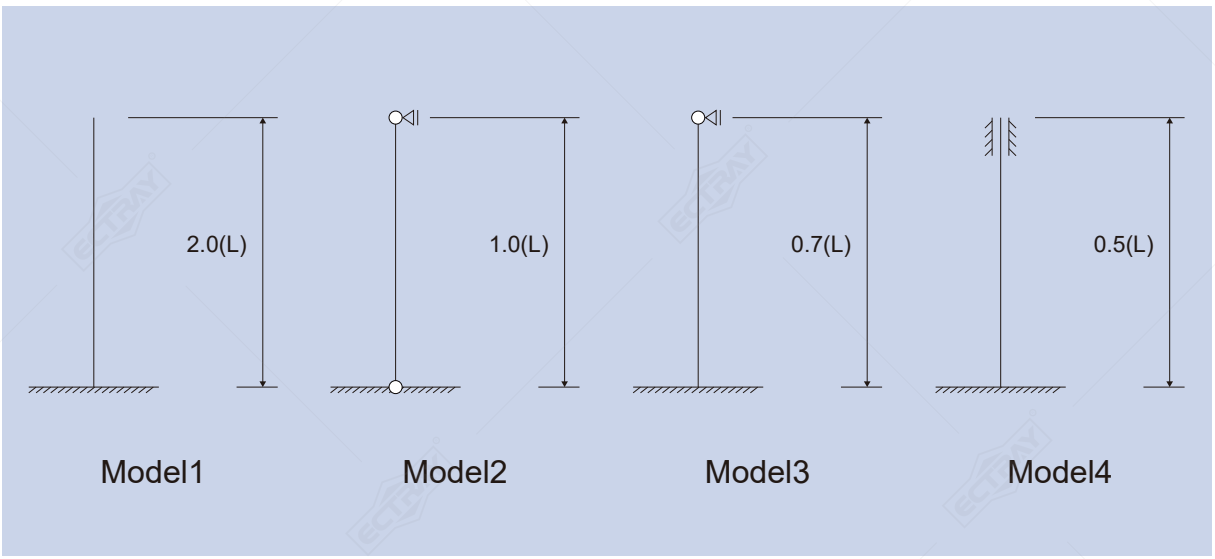
The bearing capacity value is calculated based on the allowable stress of the channel steel.



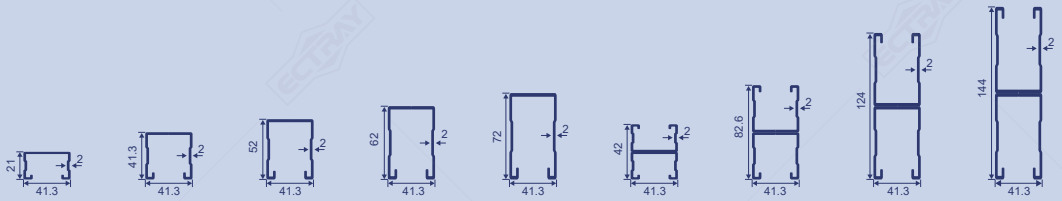




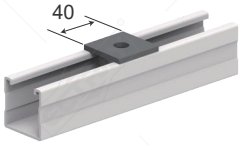
End support form conversion factor (calculated length)

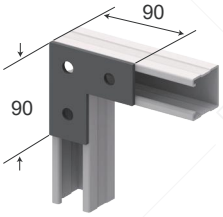


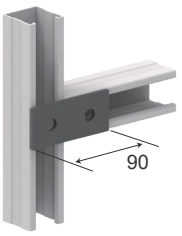
Channel Steel Axial Compression (Allowable) Bearing Capacity



Bearing Capacity(kN) / L(mm)	Bearing Capacity (kN)								
	JL-21	**JL-41**	**JL-52**	**JL-62**	**JL-72**	**JL-21D**	**JL-41D**	**JL-62D**	**JL-72D**
250	24.36	36.28	54.07	60.04	72.96	51.82	72.60	125.10	170.00
500	19.31	33.81	51.48	58.34	69.74	46.93	69.19	119.48	163.20
750	12.92	30.76	47.85	55.76	65.04	40.56	64.35	111.37	153.00
1000	8.13	26.93	43.44	48.33	59.39	32.67	58.51	101.58	134.87
1250	5.53	22.50	38.15	42.85	52.59	25.08	51.48	89.80	116.73
1500	3.97	18.22	32.40	37.24	45.08	19.15	43.82	76.86	97.47
1750	3.00	14.65	26.98	31.79	37.83	14.88	36.54	64.39	81.60
2000		11.87	22.36	26.52	31.51	11.80	30.32	53.58	66.87



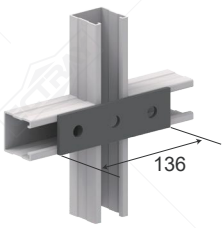


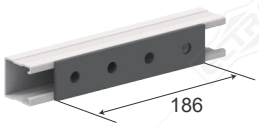


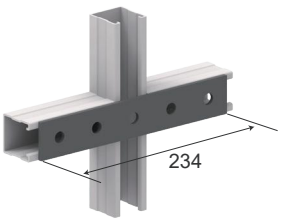
1 Hole Straight Fitting			
Ordering Code	Bolt Size (mm)	Hole Size (mm)	Mass (kg/100)
SF-100G	8	9	7.7
SF-200G	10	12	7.3
SF-300G	12	14	6.8

3 Hole 90° Corner Bend Fitting	
Ordering Code	Mass (kg/100)
B1036	26.3

2 Hole Straight Fitting	
Ordering Code	Mass (kg/100)
B1065	17.2



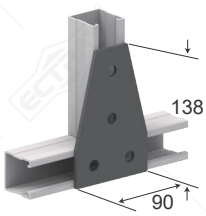


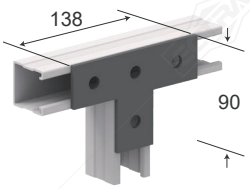


3 Hole Straight Fitting	
Ordering Code	Mass (kg/100)
B1066	26.8

4 Hole Straight Fitting	
Ordering Code	Mass (kg/100)
B1067	34.5

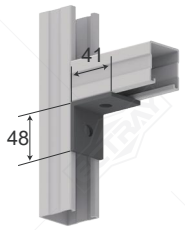
5 Hole Straight Fitting	
Ordering Code	Mass (kg/100)
B1941	44.3



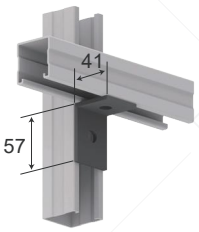


4 Hole Fitting:2 vertical and 2 horizontal	
Ordering Code	Mass (kg/100)
B1358	48

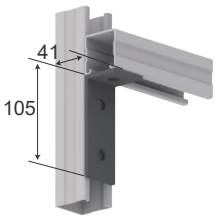
4 Hole T Shape Fitting	
Ordering Code	Mass (kg/100)
B1031	36.3



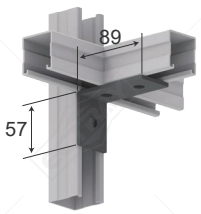
2 Hole 90° Vertical Bend Fitting	
Ordering Code	Mass (kg/100)
B1026	17



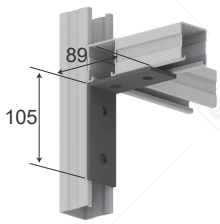
2 Hole 90° Vertical Bend Fitting	
Ordering Code	Mass (kg/100)
B1068	17



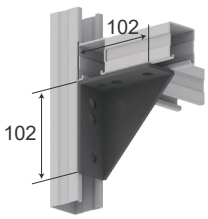
3 Hole 90° Vertical Bend Fitting	
Ordering Code	Mass (kg/100)
B1326	24



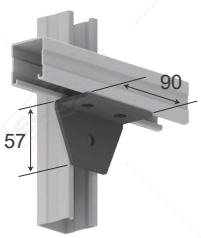
3 Hole 90° Vertical Bend Fitting	
Ordering Code	Mass (kg/100)
B1458	24



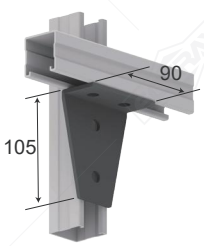
4 Hole 90° Vertical Bend Fitting	
Ordering Code	Mass (kg/100)
B1325	33



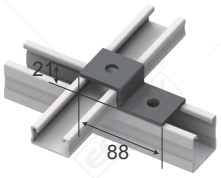
6 Hole Braced 90° Fitting	
Ordering Code	Mass (kg/100)
B2484	61



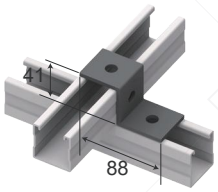
3 Hole 90° Fitting;2 Horizontal, 1 Vertical Holes	
Ordering Code	Mass (kg/100)
B1357	32



4 Hole 90° Fitting;2 Horizontal, 2 Vertical Holes	
Ordering Code	Mass (kg/100)
B1359	48



2 Hole 21mm Inside Height Fitting	
Ordering Code	Mass (kg/100)
B4045	20

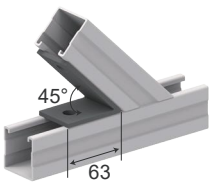


3 Hole 41mm Inside Height Fitting	
Ordering Code	Mass (kg/100)
B1045	24.9

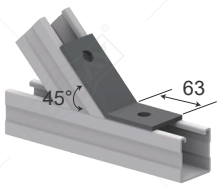
3 Hole 21mm Inside Height Fitting	
Ordering Code	Mass (kg/100)
B4047	32.4

5 Hole 41mm Inside Height Fitting	
Ordering Code	Mass (kg/100)
B1047	38.6

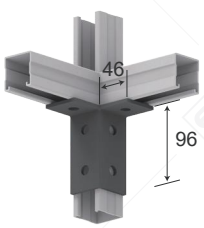
3 Hole 61mm Inside Height Fitting	
Ordering Code	Mass (kg/100)
B5547	47



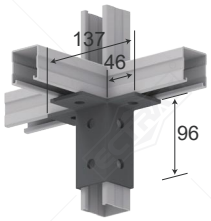
Acute Angle Fitting	
Ordering Code	Mass (kg/100)
B1186	28.6



Acute Angle Fitting	
Ordering Code	Mass (kg/100)
B1546	28.6



U Fitting - 1	
Ordering Code	Mass (kg/100)
B2224	50



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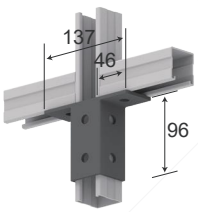
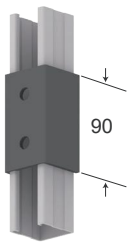
Ordering Code	Mass (kg/100)
B2228	80.3

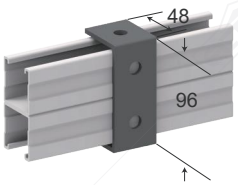


U Fitting - 3	
Ordering Code	Mass (kg/100)
B2346	66

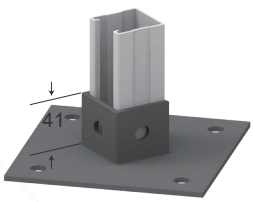


2 Hole U Fitting	
Ordering Code	Mass (kg/100)
B1376	56

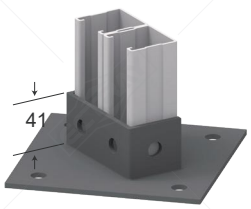
4 Hole U Fitting	
Ordering Code	Mass (kg/100)
B1377	142.4



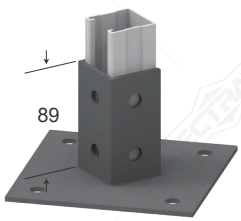
U Fitting	
Ordering Code	Mass (kg/100)
B1044	30



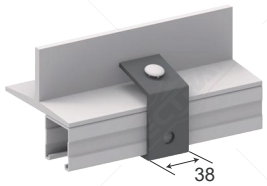
3 Hole Base Plate	
Ordering Code	Mass (kg/100)
B2072	142.4



4 Hole Base Plate	
Ordering Code	Mass (kg/100)
B2073	149.7



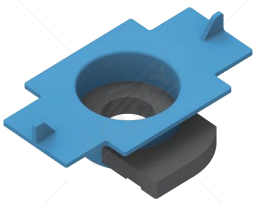
6 Hole Base Plate	
Ordering Code	Mass (kg/100)
B2072A	177.8

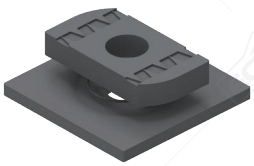


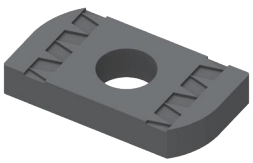
Beam Clamp - 1	
Ordering Code	Mass (kg/100)
B1271	48

Beam Clamp - 2	
Ordering Code	Mass (kg/100)
B2785	41.3
B2786	41.3

Channel Nut with Spring	
Ordering Code	Size
P1006	M6
P1006	M8
P1006	M10
P1006	M12







Channel Nut Short Spring	
Ordering Code	Size
P3006	M6
P3007	M8
P3008	M10
P3009	M12

Spring Nut with Washers	
Ordering Code	Mass (kg/100)
P5008	M10
P5010	M12

Channel Nut no Spring	
Ordering Code	Mass (kg/100)
P4006	M6
P4007	M8
P4008	M10
P4009	M12

Cup Head Bolts	
Ordering Code	Size
CHB0616	M6
CHB0620	M8
CHB0816	M10
CHB0820	M12

Cup Head Bolts	
Ordering Code	Size
HS0620	M6
HS0625	M8
HS0820	M10
HS0625	M12

Service Commitment

In order to establish a corporate image and improve the influence of the corporate brand, in line with "first-class products, first-class quality,first-class reputation, first-class service" purpose, now solemnly want your company to promise:

1.Supply service:

1 .The supplier guarantees that the supplied equipment is fully designed and manufactured according to the ISO9001; 2000 standard, and its quality management schema is certified and valid.
2 .The supplier guarantees to be responsible for the quality of its outsourced supporting components, and provides its product quality assurance certificate, inspection reports and other relevant information.
3 .Our company guarantees to deliver the goods to the place designated by the buyer on time according to the delivery date and requirements stipulated in the contract, and meet the buyer's requirements for spare parts in time.

2.Technical guidance service:

1 .The technical service department will provide online guidance and installation with free of charge to solve on-site construction problems in time.
2 .We will provide free technical consulting services and free online training for construction technicians.

3.After-sales service:

1 .The after-sales service department will make regular return visits to track the product usage and on site installation.
2 .Actively accept customer feedback and service requests, once quality problems occur, a special team will be established to cooperate customer problem solving.
3 .Carry out quality education and training for all employees and the whole process, and implement the idea of "quality first in a century-old plan",establish the concept that quality is life and the foundation of enterprise development from top to bottom.
4 .Service tenet: fast, decisive, accurate, thoughtful, thorough.
5 .Service goal: service quality to win customer satisfaction.

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