

Cable Management System

Metal Raceway Product Range



Cable Ladder

In the electrical wiring of buildings ,Any Industrial or Commercial Units a cable tray system is used to support insulated electric cables used for power distribution and communication. Cable trays are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction. They are especially useful in situations where changes to a wiring system are anticipated, since new cables can be installed by laying them in the tray, instead of pulling them through a pipe.

Several types of tray are used in different applications. A solid-bottom tray provides the maximum protection to cables, but requires cutting the tray or using fittings to enter or exit cables. A deep, solid enclosure for cables is called a cable channel or cable trough.

A ventilated tray has openings in the bottom of the tray, allowing some air circulation around the cables, water drainage, and allowing some dust to fall through the tray. Small cables may exit the tray through the ventilation openings, which may be either slots or holes punched in the bottom. A ladder tray has the cables supported by a traverse bar, similarly to the rungs of a ladder, at regular intervals on the order of 4 to 12 inches (100 to 300 mm).

Ladder and ventilated trays may have solid covers to protect cables from falling objects, dust, and water. Tray covers for use outdoors or in dusty locations may have a peaked shape to shed debris including dust, ice or snow. Lighter cable trays are more appropriate in situations where a great number of small cables are used, such as for telephone or computer network cables. These trays may be made of wire mesh, called "cable basket", or be designed in the form of a single central spine (rail) with ribs to support the cable on either side.

Large power cables laid in the tray may require support blocks to maintain spacing between conductors, to prevent overheating of the wires. Smaller cables may be laid unsecured in horizontal trays, or secured with cable ties to the bottom of vertically mounted trays.

To maintain support of cables at changes of elevation or direction of a tray, a large number of specialized cable tray fittings are made compatible with each style and manufacturer. Horizontal elbows change direction of a tray in the same plane as the bottom of the tray and are made in 30, 45 and 90 degree forms; inside and outside elbows are for changes perpendicular to the tray bottom. These can be in various shapes including tees and crosses. Some manufacturers and types provide adjustable elbows, useful for field-fitting a tray around obstacles or around irregular shapes.

Various clamping, supporting and splicing accessories are used with the cable tray to provide a complete functional tray system. For example, different sizes of cable tray used within one run can be connected with reducers.

Common cable trays are made of galvanized steel, stainless steel , aluminum, or glass-fiber reinforced plastic. The material for a given application is chosen based on where it will be used. Galvanized tray may be made of pre-galvanized steel sheet fabricated into tray, or may be hot-dip galvanized after fabrication. When galvanized tray is cut to length in the field, usually the cut surface will be painted with a zinc-rich compound to protect the metal from corrosion.





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Ventilated Type Ladders:

(Standards, Load Capacity, Support Location and Electrical Grounding)

KMC Australia manufactures Ventilated type cable Ladders and the support system for the cable Ladders. It produces the full range of products, which includes the custom design accessories for all types of ladders. All this accessories are very easy to erect and install at site, with which it saves the time and generates the profit. The cable ladder management system has been developed to suit the demand of an ever-changing global market.

Ventilated cable ladders have a standard height of Maximum of 100mm. and it is mostly used for the smaller type of cables. The standard height of our ladder is 50mm and the length is 3meter. The maximum length we can offer for our cable ladder is upto 6mtr.

BS Standard:

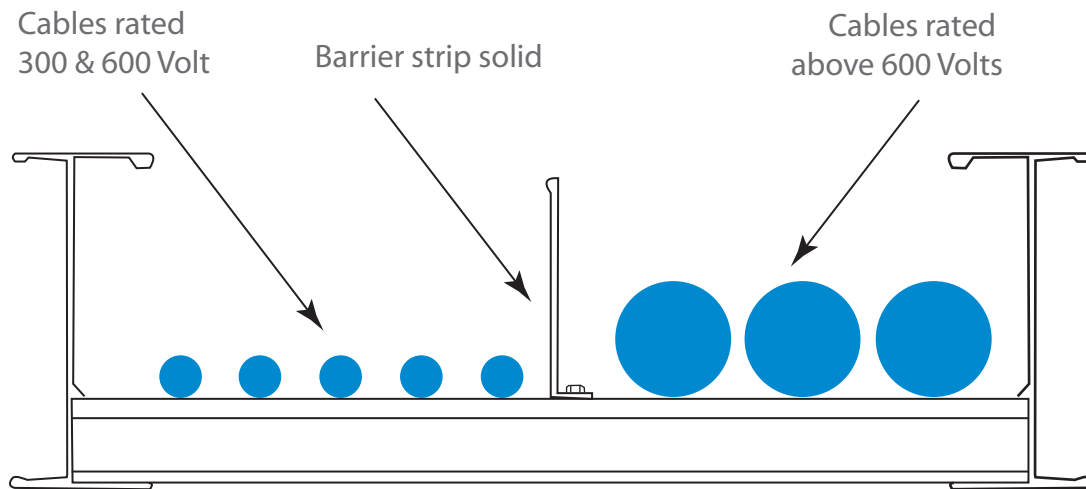
- Cable ladder are manufactured as per **BS EN 61537-2007**
- Manufacturing Steel Complying with **BS EN 10111: 1999.**
- Hot Dipped Galvanized after Fabrication is as per **BS EN ISO 1461 (Formerly BS 729) (HDG) - ASTM A123**
- Pre Galvanized is as per **BS EN 10142 (PG) - ASTM B623 A65386 G133G90**
- Epoxy coated in RAL Colours to **BS 6920(EP)**
- Stainless Steel is as per **BS EN 10088 - 2 : 2001 (SS) - SS34 (SS304 Grade) SS36 (SS304 Grade)**
- GPP is as per **BS 467 - Part 7 Class 1 (GRP/FRP)**
- PVC Coated - PC

NEMA Standard:

- Cable ladder are manufactured as per - NEMA VE 1, NEC 392
- Installation Guide - NEMA VE2
- Hot Dipped Galvanized after Fabrication is as per - ASTM 123
- Load carrying capacity - NEMA VE1-1998
- Allowable cable fill - NEC 392-2002
- Available in PG-Pre Galvanized, ASTM 653A/ASTM A924, HG - Hot Dipped Galvanized
- PC-PVC Coated, EP-Epoxy Coated, SS34,-SS304 grade, ASTM A-240
- SS36-SS316 grade, Al-Aluminium

Ventilated cable ladder is designed to carry both power cable & data communication cable. A barrier strip through the cable ladder can use it. The barrier strip should be made of the same material as the ventilated cable ladder.

Cable Ladders are designed to carry the heavy-duty power cables and as well as the small light duty communication & data cables. It even can carry both the power cable and the data cable in one ladder by using a dividing strip (barrier Strip).



Barrier strips are used to separate cables, such as above 600 volts and below 600 volts are laid (Installed) in the same ladder. The barrier strip should be made of the same material as the cable ladder

Data / Communication Cabling:

Low voltage cables can be stacked as there is no heat generation problems. The BS standard as a calculation of the total cross sectional area of the cables not exceeding 50% of the fill area of the cable ladder. As the cable fill area of the cable ladder system affects the possible loading, both the loading depth and width of the ladder must be considered.

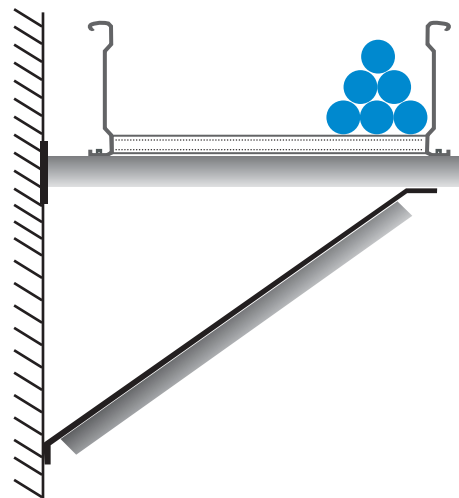
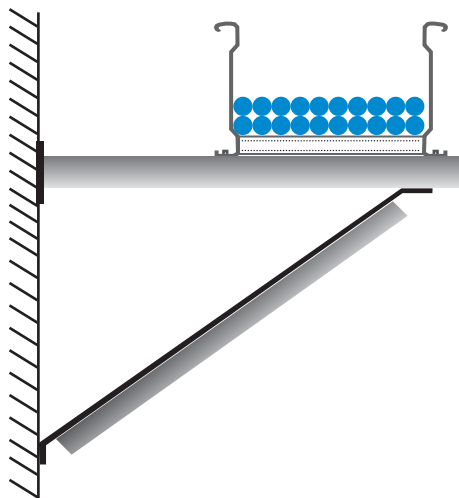
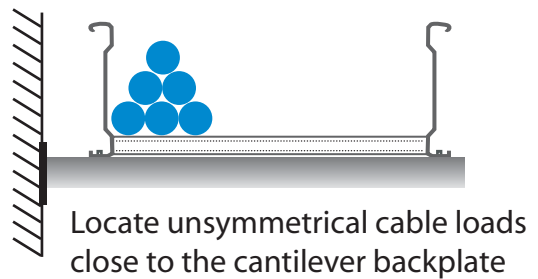
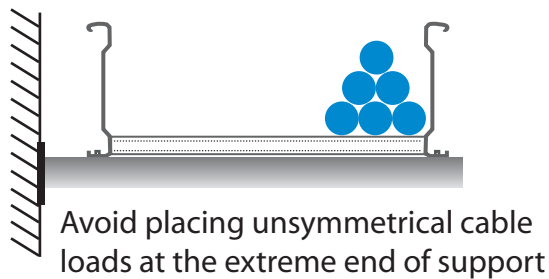
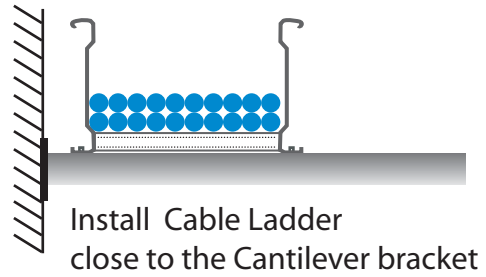
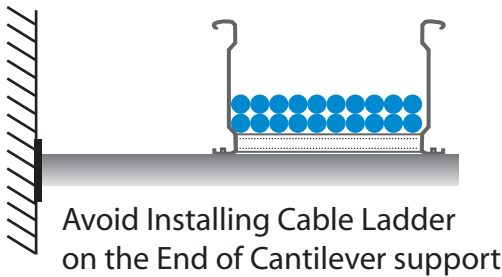
Calculated Cable Weight in Kgs/ Ft

Ladder Size	900mm	750mm	600mm	450mm	300mm	225mm	150mm
6 " Load Depth	37Kg	29Kg	23.5Kg	19Kg	12Kg	9Kg	6Kg
5 " Load Depth	30Kg	24Kg	19.5Kg	15.5Kg	10.5Kg	8Kg	5.5Kg
4 " Load Depth	25Kg	19.5Kg	16Kg	12Kg	8Kg	6Kg	4Kg
3 " Load Depth	19Kg	14.5Kg	12Kg	9.5Kg	6Kg	4.5Kg	3Kg
2 " Load Depth	12.5Kg	9.5Kg	8Kg	6.5Kg	4Kg	3Kg	2.5Kg



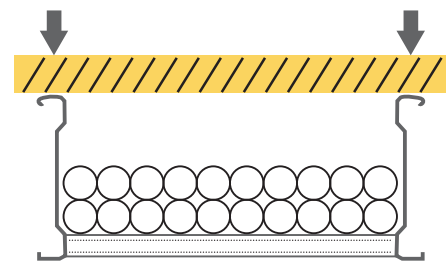
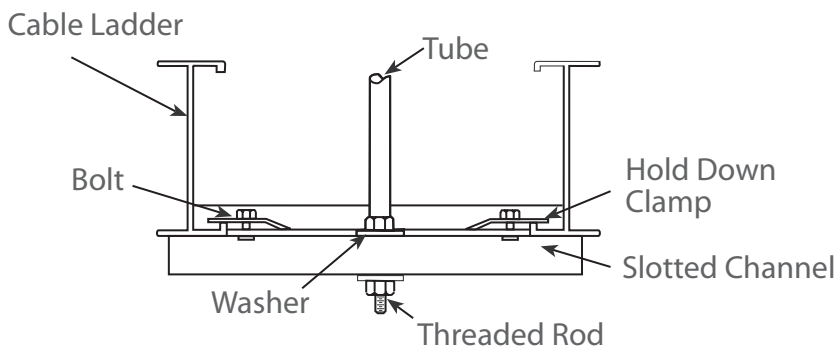
For a calculation example UTP category 5 cable(O.D=0.21, 0.0119Kg / Ft) were used.

Calculation Example: Ladder area = 12 In x 3In = 36 Sq. In
 50% Fill in area = 36 Sq. In x 0.5 = 18 Sq. In
 Cable area = (0.21 In)² x 3.14/4 = 0.0346 Sq. In
 Number of cables = 18 Sq. In / 0.0346 Sq. In = 520 cables



Use the cantilever props for the above type of cable loads.

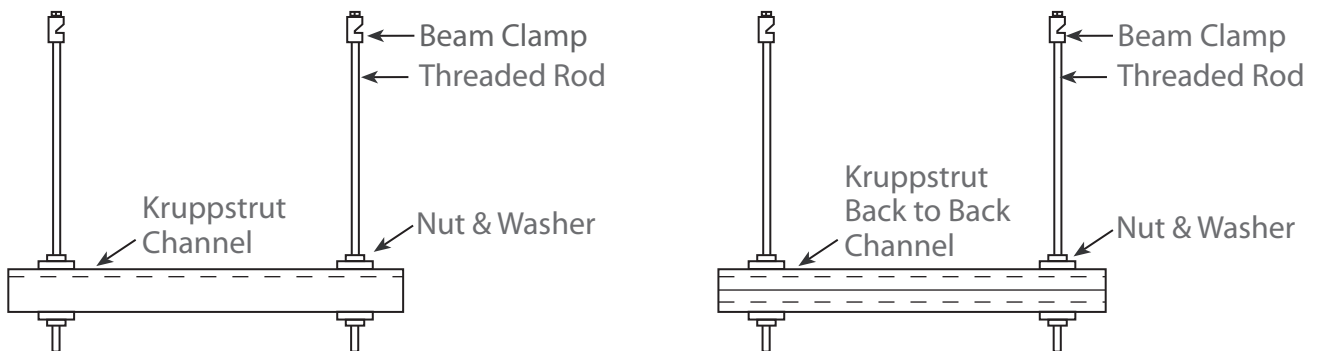
Single Centre Support for Cable Ladder



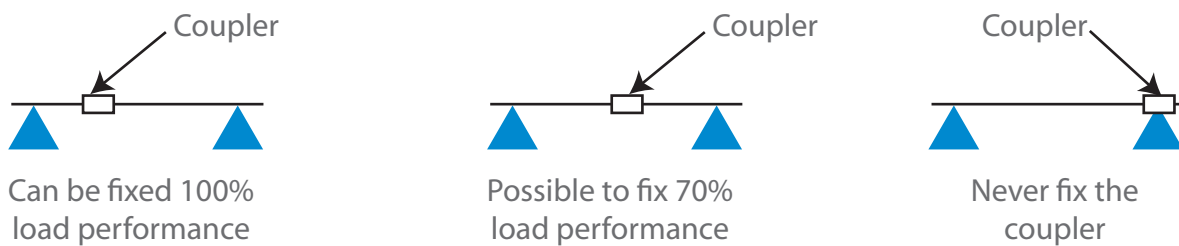
The correct application of load on to the ladder using a board to spread the load evenly on to the side members



Trapeze Hanger Support



To ascertain the correct load as per the loading graph, it has to follow strictly as per our installation standard or as per BS5950 - part V - 1987(All safe loads are calculated as per the BS standard). It also depends how you install the splice plate (joining coupler) on a straight run. Installation has to be done as per below drawing to get the exact load as per standards.



Can be fixed 100% load performance

Possible to fix 70% load performance

Never fix the coupler

(Placing the point of coupler at 1/5th of the span is the best solution for 100% performance)

(The coefficient to be applied on the permissible load if coupler at 2nd position is 0.7)

(Never put the support under the part of coupling)

Sizing Trays for Multiple-Conductor Cables

Section 318-9 lists the requirements for installing multiple-conductor cables in ladder, Ventilated trough (Cable trays), or channel type trays (Trunkings). For ladder or ventilated trough trays, the diameter of all cables 25 Sq mm and larger must be added together and the total must not exceed the width of the cable tray. Cables must be placed side by side. Table 318-9, Column 1 is used for cables less than 25 Sq mm. These cables do not have to be placed side by side. Table 318-9, Column 2 is used for a combination of cables rated larger than 25 Sq mm and smaller than 25 Sq mm. The total cross-sectional areas of the cables in trays with an inside depth of 6" or less, containing control and/or signal cables must not exceed 50% of the cross-sectional area of the tray. Table 318-9, Column 3 is used for cables smaller than 25 Sq mm. Table 318-9, Column 4 is used for a combination of cables rated 25 Sq mm or larger, or less than 25 Sq mm. For ventilated trays with an inside depth of 6 inches or less, containing control and/or signal cables, the total cross-sectional areas of the cables must not exceed 40% of the cross-sectional area of the tray. For channel type trays, the total cross-sectional areas of all cables must not exceed 2.5 square inches for 3-inch wide trays or 3.8 square inches for 6-inch wide trays.



Sizing Trays for Single Conductor Cables

For ladder or ventilated trough trays, the total diameter of all cables 500 Sq mm and larger must not exceed the width of the cable tray. Table 318-10, Column 1 is used for cables smaller than 500 Sq mm. Tables 318-10, Column 2 is used for a combination of cables rated 500 Sq mm and larger, and smaller than 500 Sq mm. For ventilated channel type trays, the total diameter of all cables must not exceed the inside width of 4" or 6" wide trays.

System Grounding

The purpose of system grounding is to drain off any excessively high voltages that may accidentally come on the tray system. If the system is properly grounded by means of a low-resistance conductor of sufficient capacity, the current will be carried off to earth immediately with a minimum danger of fire or shock. In a grounded system, an accidental grounding of one of the current carrying conductors will result in a short circuit, and cause a fuse or circuit breaker to open.

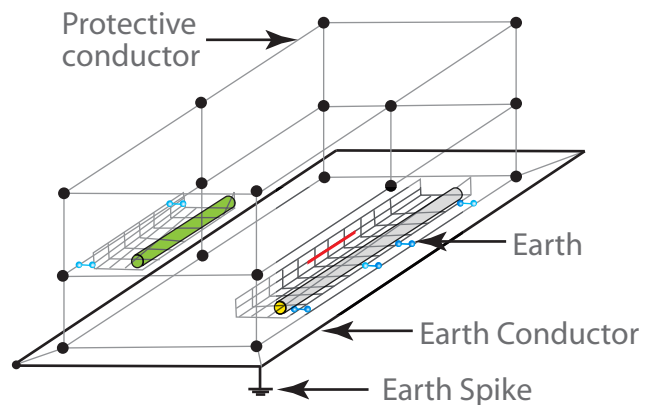
Equipment Grounding

Equipment grounding means the connection to earth of all exposed, non-current carrying metallic parts of the components of the distribution system. The purpose of this ground is to prevent a voltage higher than earth potential on cable tray or equipment. Grounding thus reduces the danger of shock or fire in the event a live conductor comes in contact with these conductive parts.

Methods of Grounding

Effective grounding must be permanent and continuous, and have ample capacity to safely conduct any current likely to be imposed on it. It should also have impedance sufficiently low to limit the potential above ground and to facilitate operation of over-current devices in the circuit. A continuous, underground metallic water supply system is acknowledged to be the best electrical ground.

Other suitable methods of grounding include continuous metallic steam and gas piping systems, the grounded metal framing of the building, or an artificial electrode such as a driven steel pipe, galvanized or otherwise protected from corrosion, or a buried metallic plate. The tray system and equipment ground connections should be made to the same electrode at the service entrance, on the supply side of the equipment used for disconnecting the service. Equipment should be solidly tied in with the system ground. It is also important, that wherever multiple grounds are used, they be tied together in order to avoid any difference of potential between the



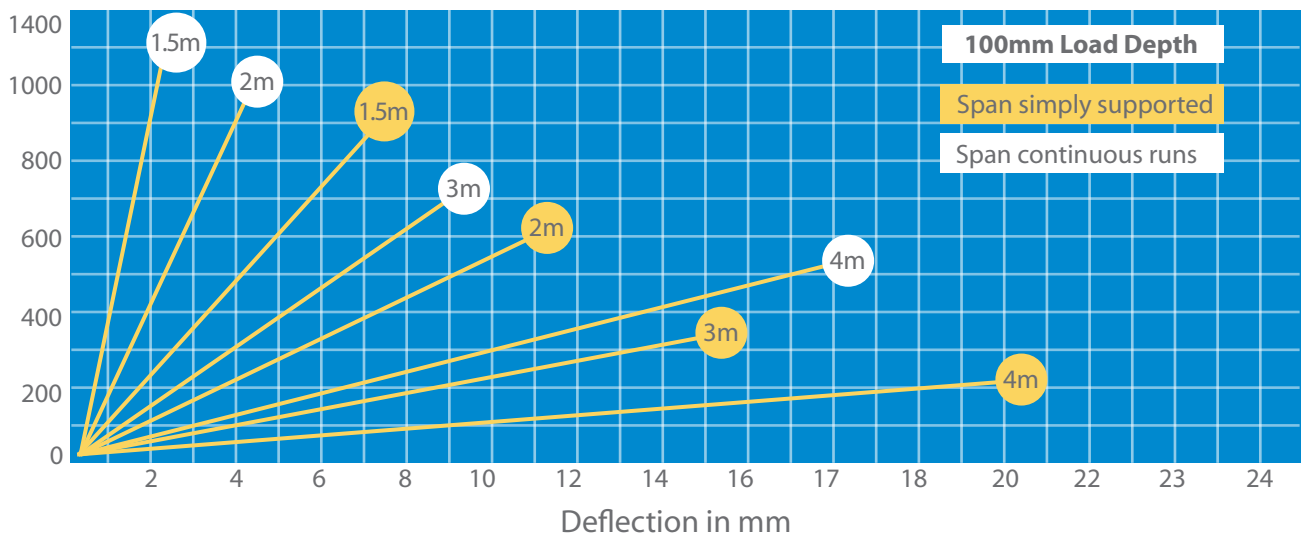
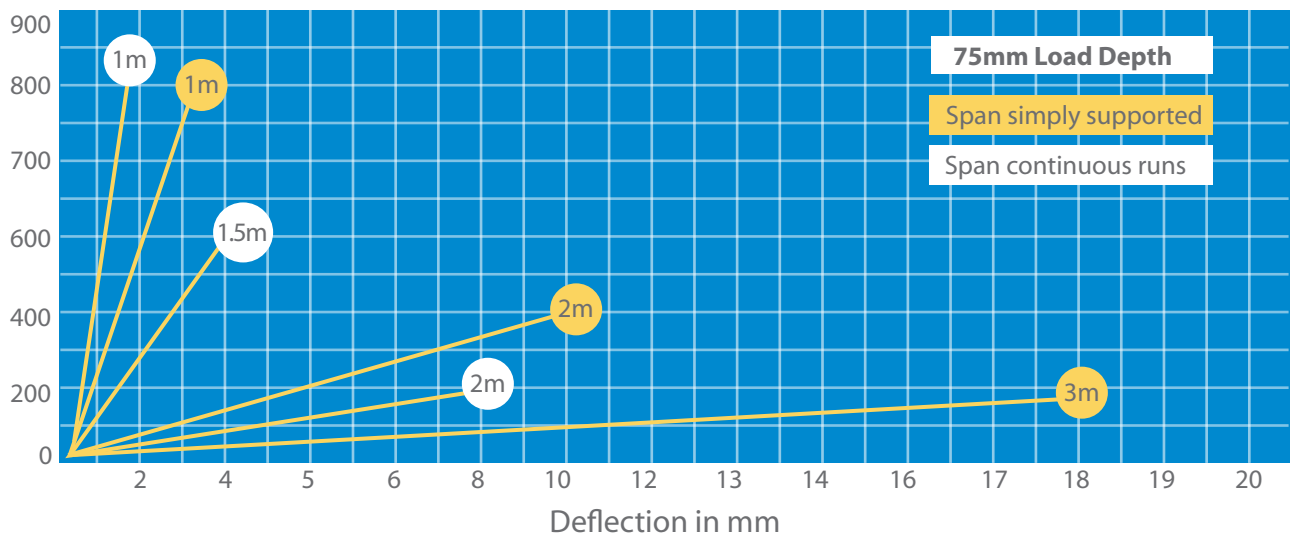
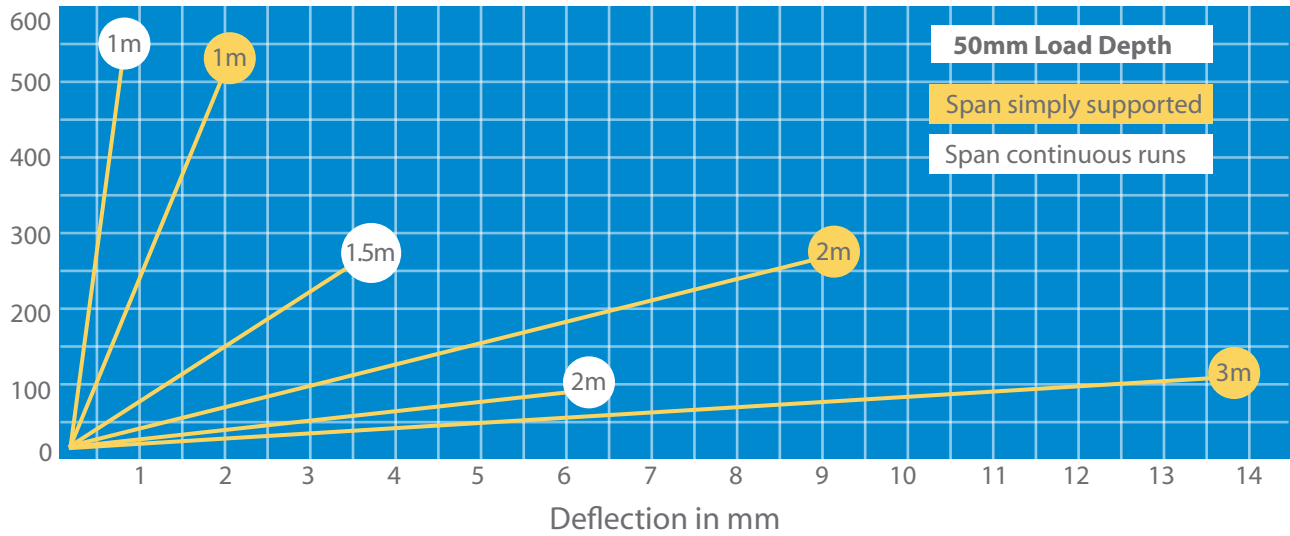
The following page you can find load carrying capacity of each cable ladders with different types of load depth. All the technical details are subject to the standard and as per the specifications any deviation in the specification that may change the load carrying capacity.

Note:

Please add the material code while placing the order for any of our product. For Example 150mm cable ladder with 50mm load depth with Epoxy coating, the code as follows KLC15015EP

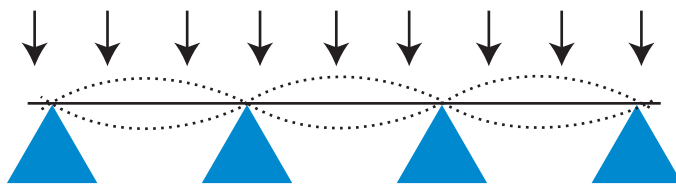
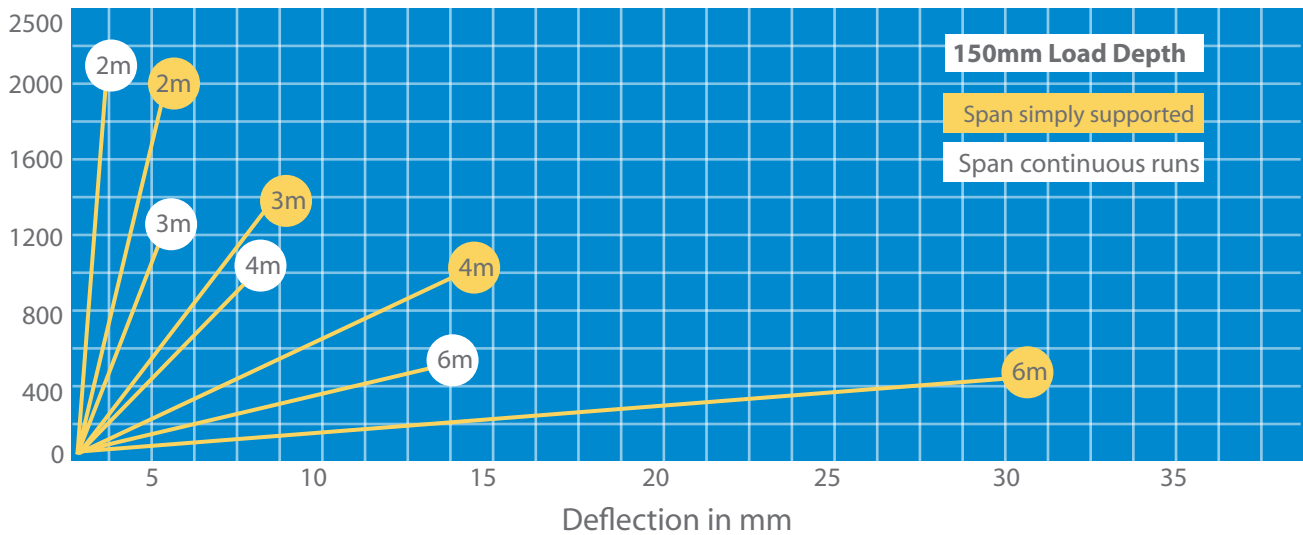
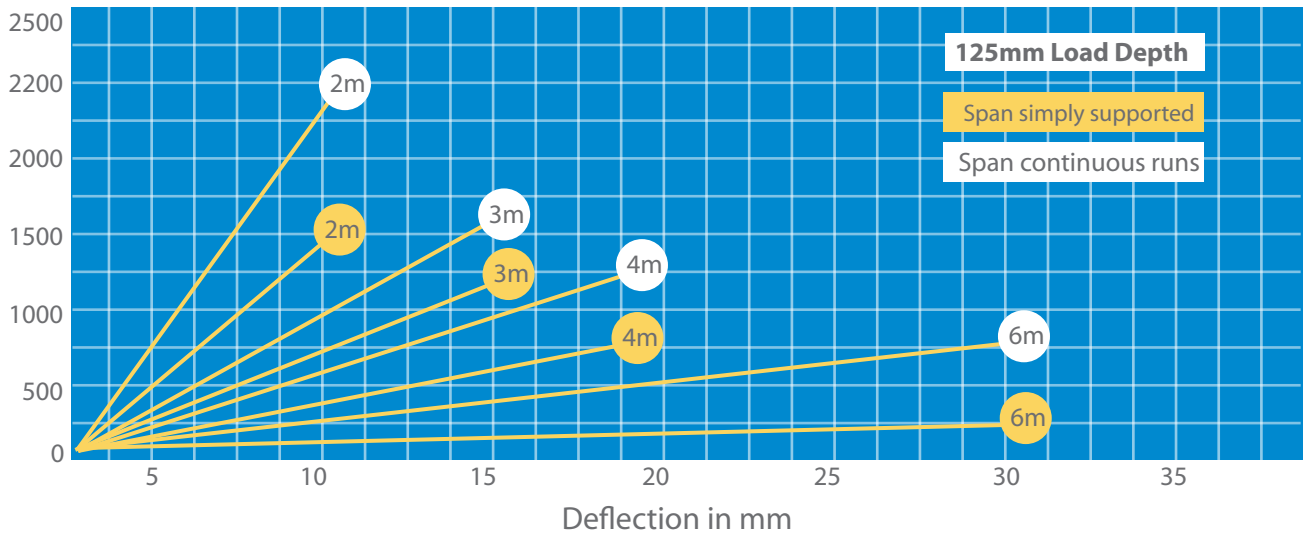


Uniformly Distributed Load in Kgs

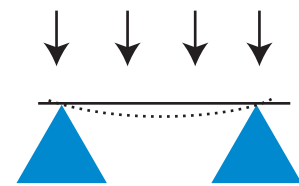




Uniformly Distributed Load in Kgs



Uniformly Distributed Load - In continuous Runs



Uniformly Distributed Load - Simply supported

WARNING!

Do not use a walkway, Ladder or Support for Personnel.

Use only as a Mechanical Support for cables, Tubing and Raceways.





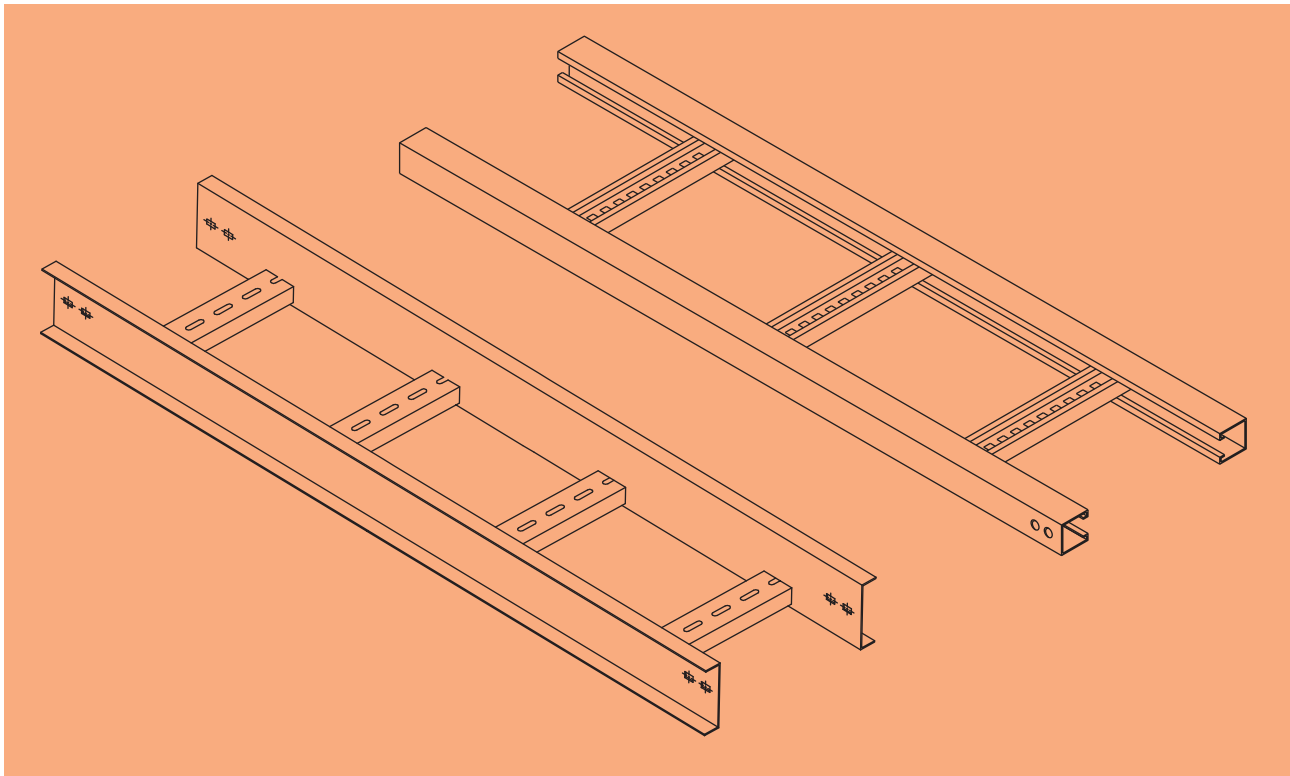
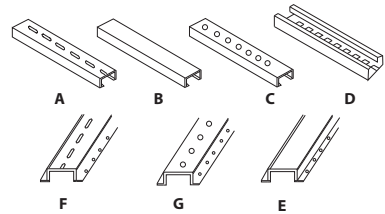
CABLE LADDER PART SELECTION CHART

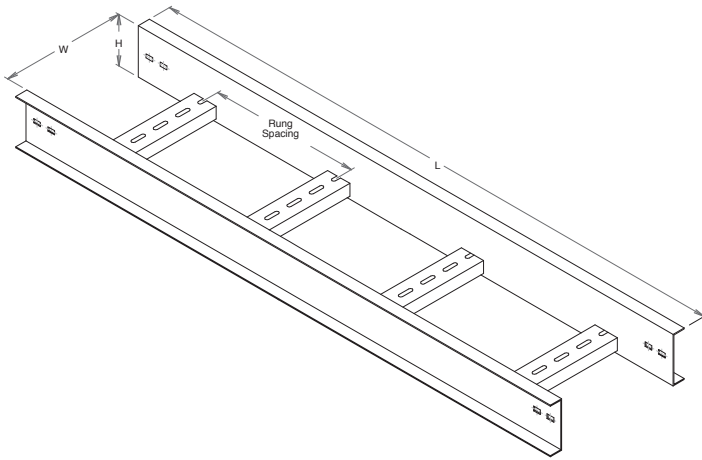
Example 150mm Straight Cable Ladder

KTL - C - 50 - 15 - 4 - A - 3 - H - G - A

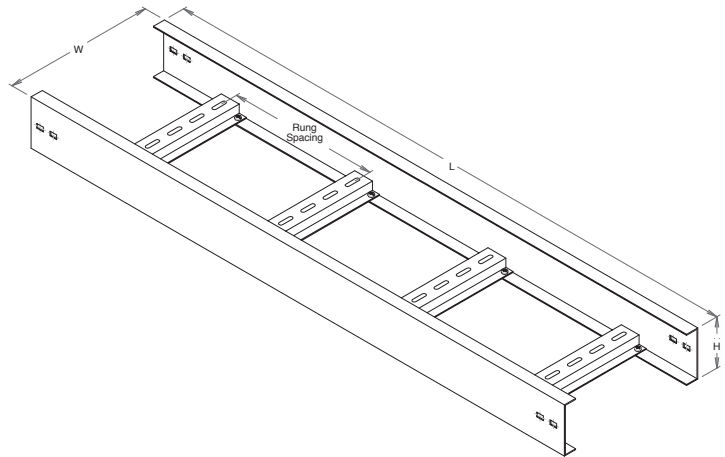
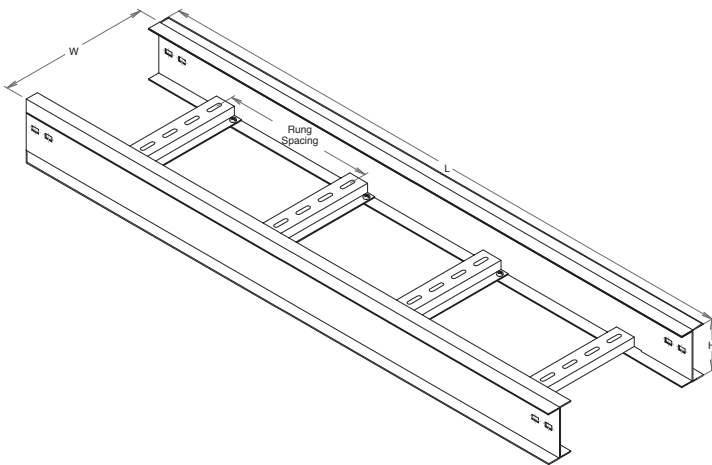
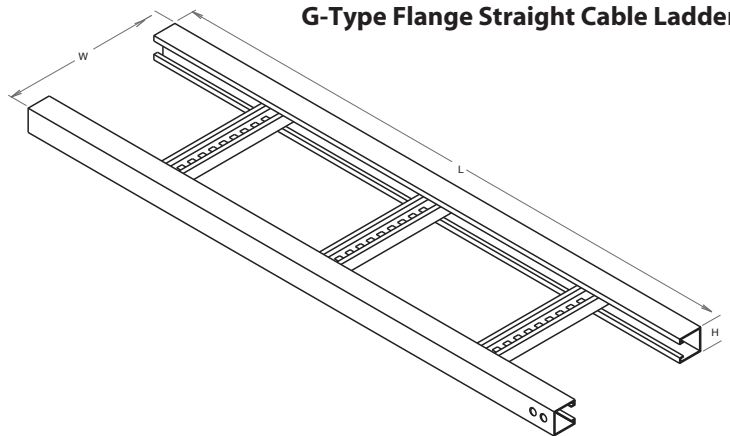
Ref	Type	Height	Width	Rung Spacing	Thickness	Length	Finish	Material
KTL	- C	50 (50mm)	10 (100mm)	2 (200mm)	A (1.5mm)	3 (3000m)	P (PG)	Galvanized (G)
		75 (75mm)	15 (150mm)	3 (250mm)	B (2mm)	6 (6000m)	H (HDG)	Aluminium (A)
		100 (100mm)	20 (200mm)	4 (300mm)	C (2.5mm)		A (AL)	Stainless Steel (SS)
		12 (125mm)	22 (225mm)	5 (350mm)			34(SS-304)	
		15 (150mm)	25 (250mm)	6 (400mm)			36(SS-316L)	
	- I	17 (175mm)	30 (300mm)				EP (Epoxy Coated)	
			40 (400mm)				PC (PVC Coated)	
			45 (450mm)					
			50 (500mm)					
			60 (600mm)					
- H	70 (700mm)							
	75 (750mm)							
	90 (900mm)							
	100 (1000mm)							
- G								

RUNGS



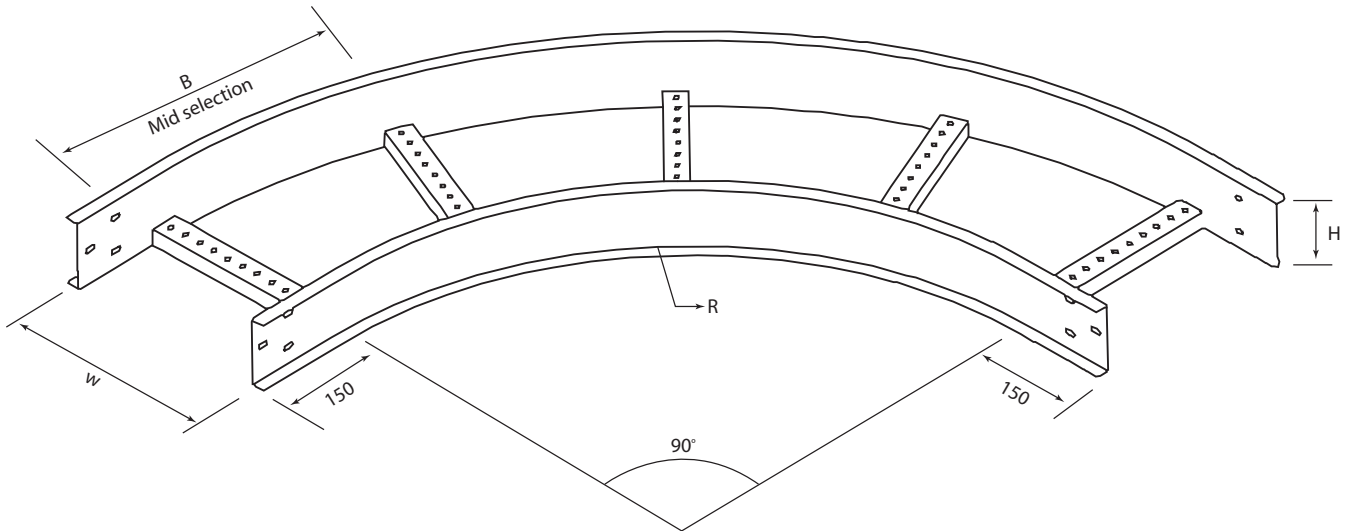
C - Type Flange Straight Cable Ladder


W	=	Width
L	=	Length
H	=	Height

H-Type Flange Straight Cable Ladder

I-Type Flange Straight Cable Ladder

G-Type Flange Straight Cable Ladder




90° Horizontal Bend



Model	W	H	Thickness	Radius	Finish
KLA15050ELB90	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA20050ELB90	200	50			
KLA25050ELB90	250	50			
KLA30050ELB90	300	50			
KLA15075ELB90	150	75			
KLA20075ELB90	200	75			
KLA25075ELB90	250	75			
KLA30075ELB90	300	75			
KLA150100ELB90	150	100			
KLA200100ELB90	200	100			
KLA250100ELB90	250	100			
KLA300100ELB90	300	100			
KLA400100ELB90	400	100			
KLA450100ELB90	450	100			
KLA500100ELB90	500	100			
KLA600100ELB90	600	100			
KLA750100ELB90	750	100			
KLA900100ELB90	900	100			
KLA1000100ELB90	1000	100			
KLA200125ELB90	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125EMB90	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125ELB90	300	125			
KLA400125ELB90	400	125			
KLA450125ELB90	450	125			
KLA500125ELB90	500	125			
KLA600125ELB90	600	125			
KLA750125ELB90	750	125			
KLA900125ELB90	900	125			
KLA1000125ELB90	1000	125			
KLA200150ELB90	200	150			
KLA250150ELB90	250	150			
KLA300150ELB90	300	150			
KLA400150ELB90	400	150			
KLA450150ELB90	450	150			
KLA500150ELB90	500	150			
KLA600150ELB90	600	150			
KLA750150ELB90	750	150			
KLA900150ELB90	900	150			
KLA1000150ELB90	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

EP - Epoxy Coated

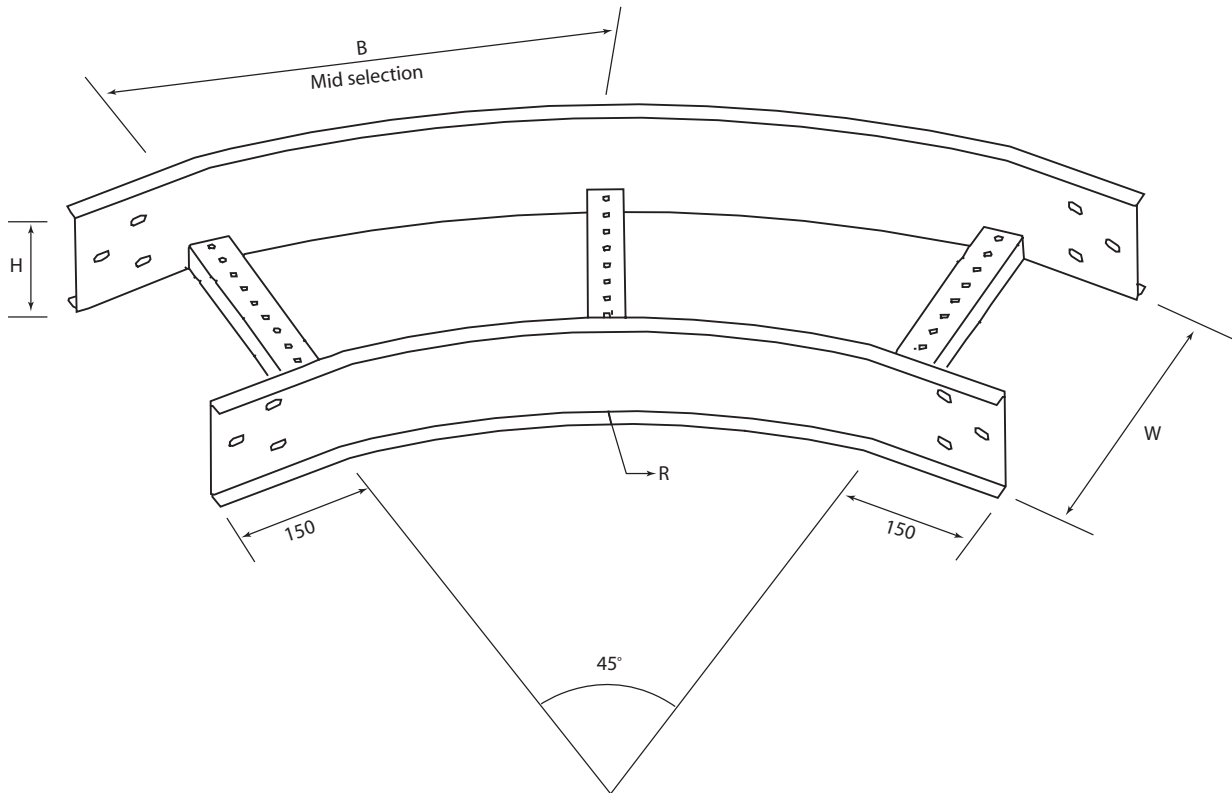
PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the ladder order

Standard Radius - 600mm

45° Horizontal Bend



Model	W	H	Thickness	Radius	Finish
KLA15050ELB45	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA20050ELB45	200	50			
KLA25050ELB45	250	50			
KLA30050ELB45	300	50			
KLA15075ELB45	150	75			
KLA20075ELB45	200	75			
KLA25075ELB45	250	75			
KLA30075ELB45	300	75			
KLA150100ELB45	150	100			
KLA200100ELB45	200	100			
KLA250100ELB45	250	100			
KLA300100ELB45	300	100			
KLA400100ELB45	400	100			
KLA450100ELB45	450	100			
KLA500100ELB45	500	100			
KLA600100ELB45	600	100			
KLA750100ELB45	750	100			
KLA900100ELB45	900	100			
KLA1000100ELB45	1000	100			
KLA200125ELB45	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125EMB45	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125ELB45	300	125			
KLA400125ELB45	400	125			
KLA450125ELB45	450	125			
KLA500125ELB45	500	125			
KLA600125ELB45	600	125			
KLA750125ELB45	750	125			
KLA900125ELB45	900	125			
KLA1000125ELB45	1000	125			
KLA200150ELB45	200	150			
KLA250150ELB45	250	150			
KLA300150ELB45	300	150			
KLA400150ELB45	400	150			
KLA450150ELB45	450	150			
KLA500150ELB45	500	150			
KLA600150ELB45	600	150			
KLA750150ELB45	750	150			
KLA900150ELB45	900	150			
KLA1000150ELB45	1000	150			

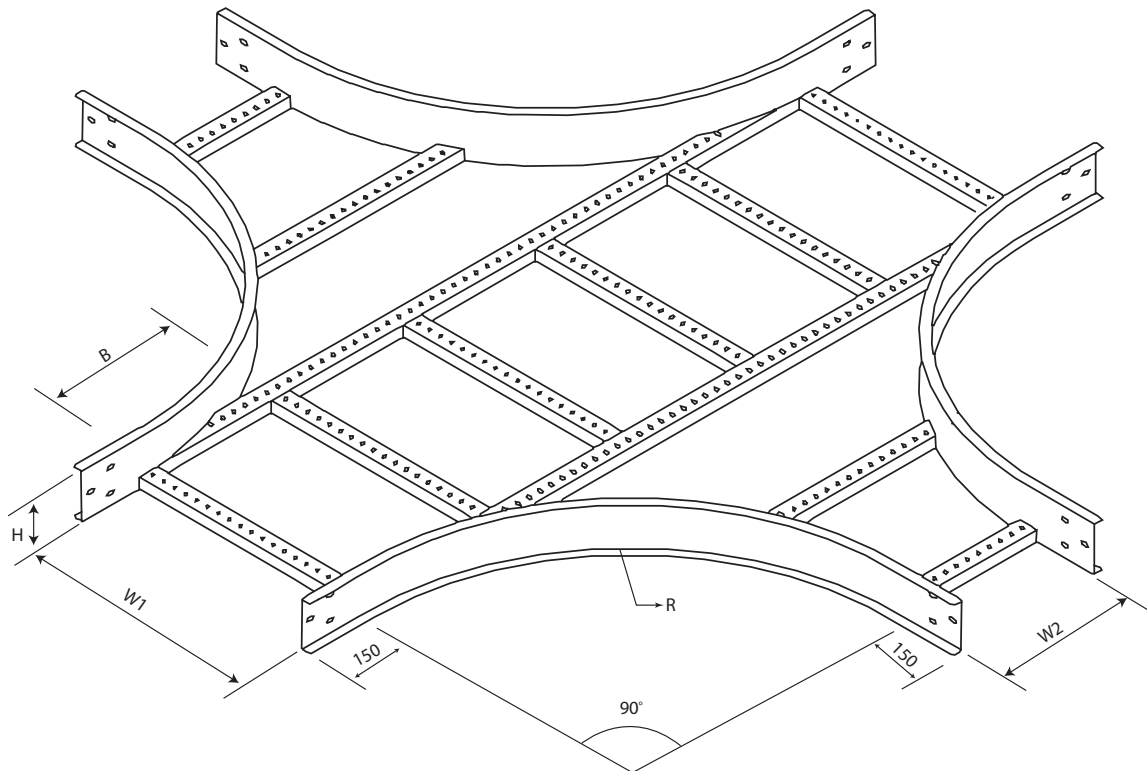
Dimension in Millimeter

Abbreviation : B-Rung Spacing H-Height
 Finish : HDG-Hot Dip Galvanized PG - Pre Galvanized Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)
 EP - Epoxy Coated PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the ladder order

Standard Radius - 450mm

Equal Cross Horizontal


Model	W1	W2	H	Thickness	Radius	Finish
KLA151550EC	150	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA202050EC	200	200	50			
KLA252550EC	250	250	50			
KLA303050EC	300	300	50			
KLA151575EC	150	150	75			
KLA202075EC	200	200	75			
KLA252575EC	250	250	75			
KLA303075EC	300	300	75			
KLA1515100EC	150	150	100			
KLA2020100EC	200	200	100			
KLA2525100EC	250	250	100			
KLA3030100EC	300	300	100			
KLA4040100EC	400	400	100			
KLA4545100EC	450	450	100			
KLA5050100EC	500	500	100			
KLA6060100EC	600	600	100			
KLA7575100EC	750	750	100			
KLA90905100EC	900	900	100			
KLA1001005100EC	1000	1000	100			
KLA1515125EC	150	150	125			

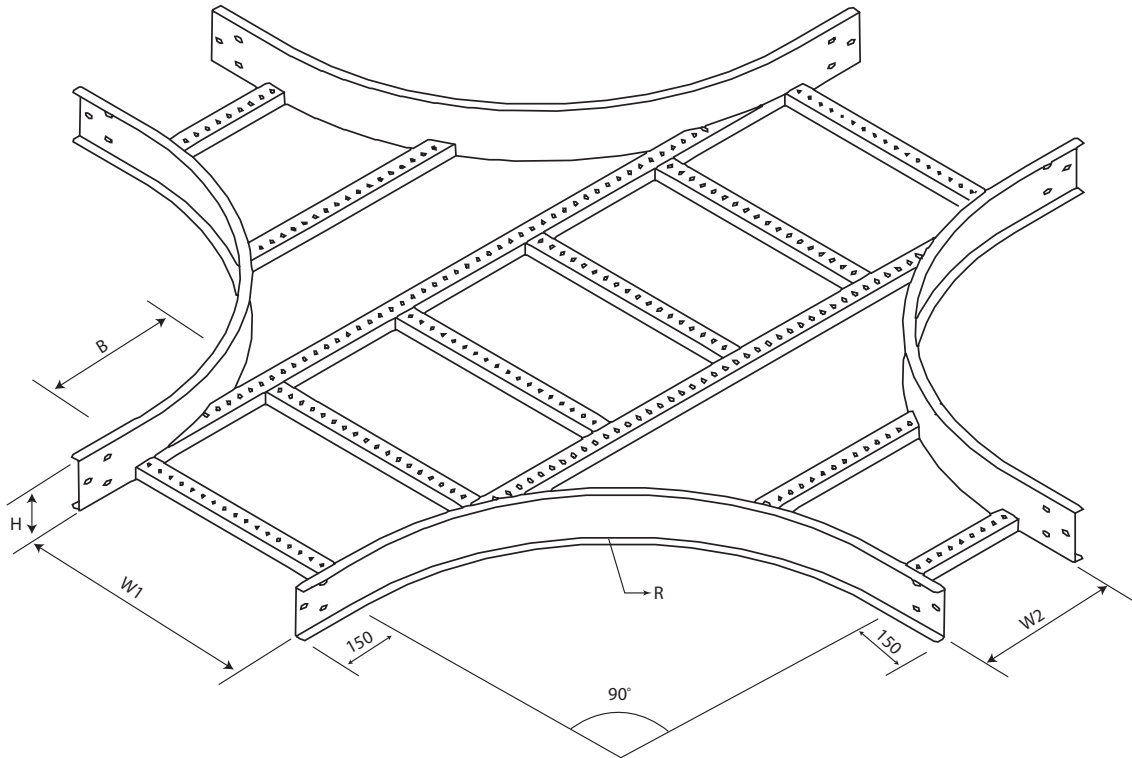
Model	W1	W2	H	Thickness	Radius	Finish
KLA2525125EC	250	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA3030125EC	300	300	125			
KLA4040125EC	400	400	125			
KLA4545125EC	450	450	125			
KLA5050125EC	500	500	125			
KLA6060125EC	600	600	125			
KLA7575125EC	750	750	125			
KLA9090125EC	900	900	125			
KLA100100125EC	1000	1000	125			
KLA2020150EC	200	200	150			
KLA2525150EC	250	250	150			
KLA3030150EC	300	300	150			
KLA4040150EC	400	400	150			
KLA4545150EC	450	450	150			
KLA5050150EC	500	500	150			
KLA6060150EC	600	600	150			
KLA7575150EC	750	750	150			
KLA8080150EC	800	800	150			
KLA9090150EC	900	900	150			
KLA100100150EC	1000	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing H-Height
 Finish : HDG-Hot Dip Galvanized PG - Pre Galvanized Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)
 EP - Epoxy Coated PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots
 Standard Rung - As per the ladder order
 Standard Radius - 600mm

Un Equal Cross Horizontal



Model	W1	W2	H	Thickness	Radius	Finish
KLA151550UC	150	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA202050UC	200	200	50			
KLA252550UC	250	250	50			
KLA303050UC	300	300	50			
KLA151575UC	150	150	75			
KLA202075UC	200	200	75			
KLA252575UC	250	250	75			
KLA303075UC	300	300	75			
KLA1515100UC	150	150	100			
KLA2020100UC	200	200	100			
KLA2525100UC	250	250	100			
KLA3030100UC	300	300	100			
KLA4040100UC	400	400	100			
KLA4545100UC	450	450	100			
KLA5050100UC	500	500	100			
KLA6060100UC	600	600	100			
KLA7575100UC	750	750	100			
KLA90905100UC	900	900	100			
KLA1001005100UC	1000	1000	100			
KLA1515125UC	150	150	125			

Model	W1	W2	H	Thickness	Radius	Finish
KLA2525125UC	250	250	125	As Straight Cable Ladder		
KLA3030125UC	300	300	125			
KLA4040125UC	400	400	125			
KLA4545125UC	450	450	125			
KLA5050125UC	500	500	125			
KLA6060125UC	600	600	125			
KLA7575125UC	750	750	125			
KLA9090125UC	900	900	125			
KLA100100125UC	1000	1000	125			
KLA2020150UC	200	200	150			
KLA2525150UC	250	250	150			
KLA3030150UC	300	300	150			
KLA4040150UC	400	400	150			
KLA4545150UC	450	450	150			
KLA5050150UC	500	500	150			
KLA6060150UC	600	600	150			
KLA7575150UC	750	750	150			
KLA8080150UC	800	800	150			
KLA9090150UC	900	900	150			
KLA100100150UC	1000	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

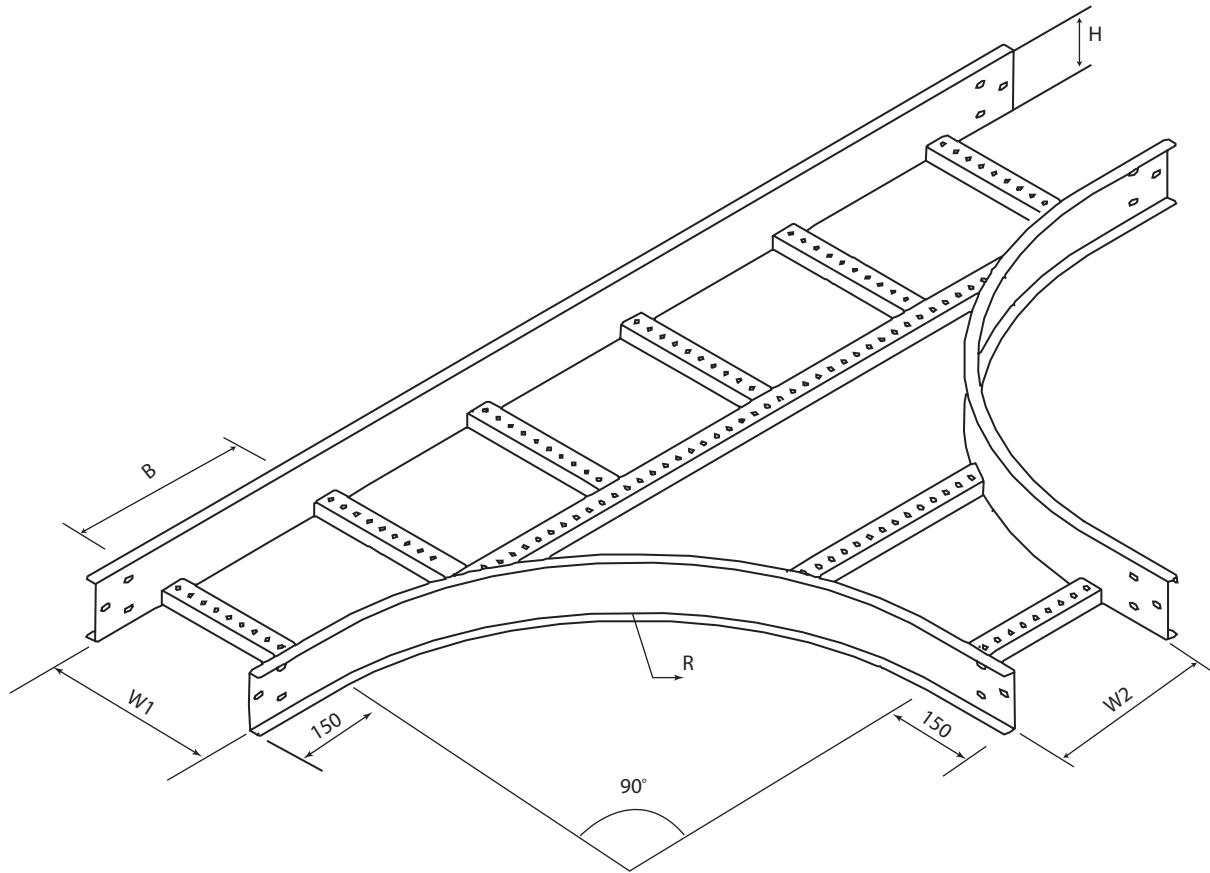
EP - Epoxy Coated

PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the ladder order

Standard Radius - 600mm

Horizontal Equal Tee


Model	W1	W2	H	Thickness	Radius	Finish
KLA1511550HET	150	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA2020150HET	200	200	50			
KLA252550HET	250	250	50			
KLA303050HET	300	300	50			
KLA151575HET	150	150	75			
KLA202075HET	200	200	75			
KLA252575HET	250	250	75			
KLA303075HET	300	300	75			
KLA1515100HET	150	150	100			
KLA2020100HET	200	200	100			
KLA2525100HET	250	250	100			
KLA3030100HET	300	300	100			
KLA4040100HET	400	400	100			
KLA4545100HET	450	450	100			
KLA5050100HET	500	500	100			
KLA6060100HET	600	600	100			
KLA7575100HET	750	750	100			
KLA9090100HET	900	900	100			
KLA100100100HET	1000	1000	100			
KLA2020125HET	200	200	125			

Model	W1	W2	H	Thickness	Radius	Finish
KLA2525125HET	250	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA3030125HET	300	300	125			
KLA4040125HET	400	400	125			
KLA4545125HET	450	450	125			
KLA5050125HET	500	500	125			
KLA6060125HET	600	600	125			
KLA7575125HET	750	750	125			
KLA9090125HET	900	900	125			
KLA100100125HET	1000	1000	125			
KLA2020150HET	200	200	150			
KLA2525150HET	250	250	150			
KLA3030150HET	300	300	150			
KLA4040150HET	400	400	150			
KLA4545150HET	450	450	150			
KLA5050150HET	500	500	150			
KLA6060150HET	600	600	150			
KLA7575150HET	750	750	150			
KLA8080150	800	800	150			
KLA9090150HET	900	900	150			
KLA100100150HET	1000	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

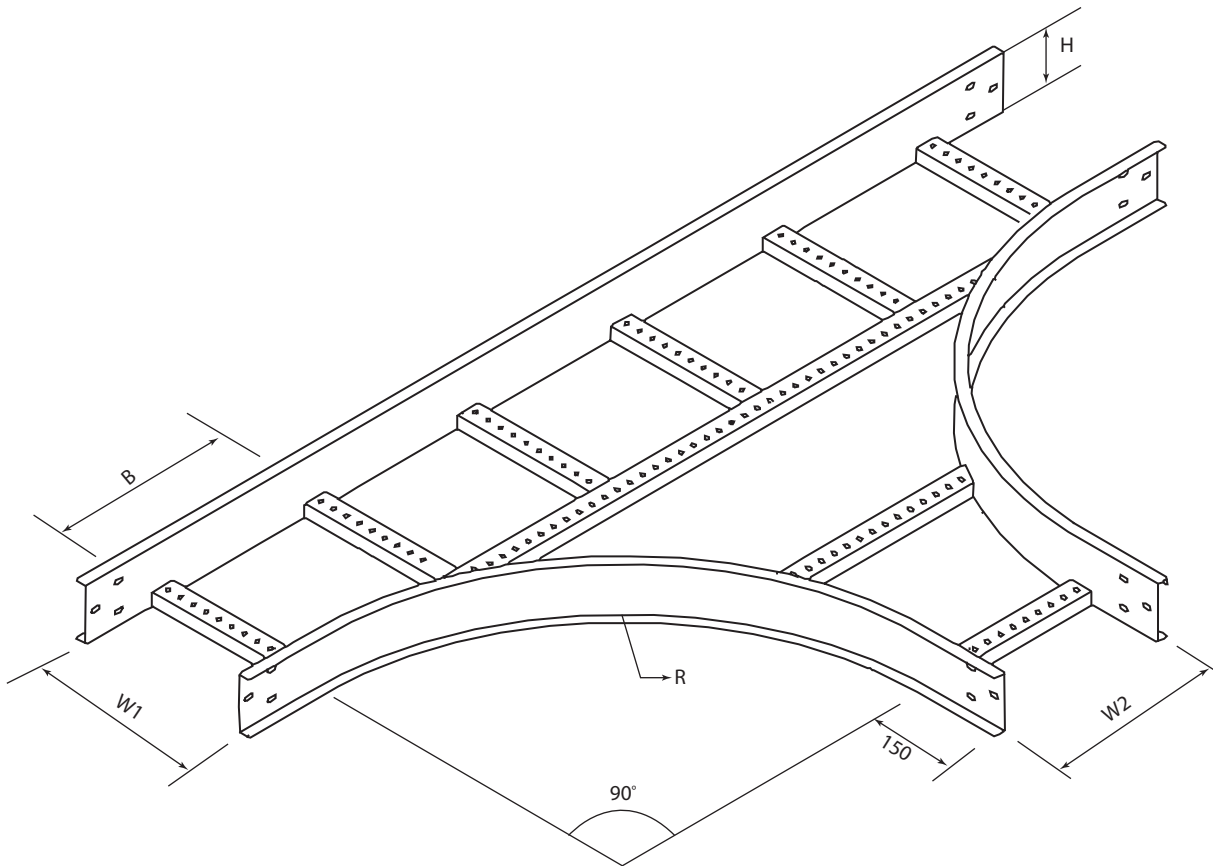
EP - Epoxy Coated

PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the ladder order

Standard Radius - 600mm

Horizontal Unequal Tee


Model	W1	W2	H	Thickness	Radius	Finish
KLA150W250UT	150	200 to 1000	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA200W250UT	200		50			
KLA250W250UT	250		50			
KLA300W250UT	300		50			
KLA150W275UT	150		75			
KLA200W275UT	200		75			
KLA250W275UT	250		75			
KLA300W275UT	300		75			
KLA150W2100UT	150		100			
KLA200W2100UT	200		100			
KLA250W2100UT	250		100			
KLA300W2100UT	300		100			
KLA400W2100UT	400		100			
KLA450W2100UT	450		100			
KLA500W2100UT	500		100			
KLA600W2100UT	600		100			
KLA750W2100UT	750		100			
KLA900W2100UT	900		100			
KLA1000W2100UT	1000		100			
KLA200W2100UT	200		125			

Model	W1	W2	H	Thickness	Radius	Finish
KLA250W2125UT	250	200 to 1000	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300W2125UT	300		125			
KLA400W2125UT	400		125			
KLA450W2125UT	450		125			
KLA500W2125UT	500		125			
KLA600W2125UT	600		125			
KLA750W2125UT	750		125			
KLA900W2125UT	900		125			
KLA1000W2125UT	1000		125			
KLA200W2125UT	200		150			
KLA250W2125UT	250		150			
KLA300W2125UT	300		150			
KLA400W2125UT	400		150			
KLA450W2125UT	450		150			
KLA500W2125UT	500		150			
KLA600W2125UT	600		150			
KLA750W2125UT	750		150			
KLA800W2125UT	800		150			
KLA900W2125UT	900		150			
KLA1000W2125UT	1000		150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

EP - Epoxy Coated

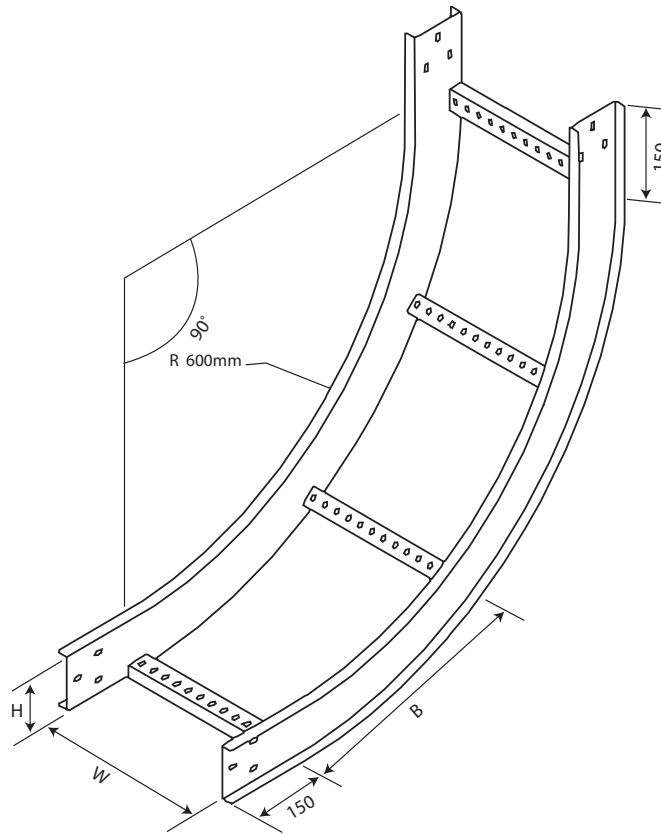
PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

Standard Radius - 600mm

90° Vertical Internal Riser



Model	W	H	Thickness	Radius	Finish
KLA15050IR-90	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA20050IR-90	200	50			
KLA25050IR-90	250	50			
KLA30050IR-90	300	50			
KLA15075IR-90	150	75			
KLA20075IR-90	200	75			
KLA25075IR-90	250	75			
KLA30075IR-90	300	75			
KLA150100IR-90	150	100			
KLA200100IR-90	200	100			
KLA250100IR-90	250	100			
KLA300100IR-90	300	100			
KLA400100IR-90	400	100			
KLA450100IR-90	450	100			
KLA500100IR-90	500	100			
KLA600100IR-90	600	100			
KLA750100IR-90	750	100			
KLA900100IR-90	900	100			
KLA1000100IR-90	1000	100			
KLA200125IR-90	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125IR-90	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125IR-90	300	125			
KLA400125IR-90	400	125			
KLA450125IR-90	450	125			
KLA500125IR-90	500	125			
KLA600125IR-90	600	125			
KLA750125IR-90	750	125			
KLA900125IR-90	900	125			
KLA1000125IR-90	1000	125			
KLA200150IR-90	200	150			
KLA250150IR-90	250	150			
KLA300150IR-90	300	150			
KLA400150IR-90	400	150			
KLA450150IR-90	450	150			
KLA500150IR-90	500	150			
KLA600150IR-90	600	150			
KLA750150IR-90	750	150			
KLA900150IR-90	900	150			
KLA1000150IR-90	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

EP - Epoxy Coated

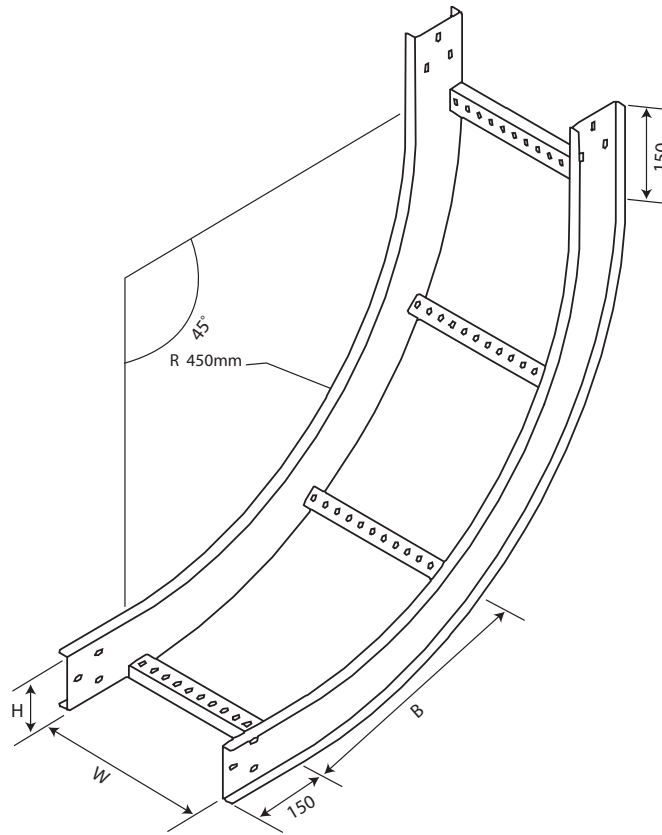
PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

Standard Radius - 600mm

45° Vertical Internal Riser



Model	W	H	Thickness	Radius	Finish
KLA15050IR-45	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA20050IR-45	200	50			
KLA25050IR-45	250	50			
KLA30050IR-45	300	50			
KLA15075IR-45	150	75			
KLA20075IR-45	200	75			
KLA25075IR-45	250	75			
KLA30075IR-45	300	75			
KLA150100IR-45	150	100			
KLA200100IR-45	200	100			
KLA250100IR-45	250	100			
KLA300100IR-45	300	100			
KLA400100IR-45	400	100			
KLA450100IR-45	450	100			
KLA500100IR-45	500	100			
KLA600100IR-45	600	100			
KLA750100IR-45	750	100			
KLA900100IR-45	900	100			
KLA1000100IR-45	1000	100			
KLA200125IR-45	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125IR-45	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125IR-45	300	125			
KLA400125IR-45	400	125			
KLA450125IR-45	450	125			
KLA500125IR-45	500	125			
KLA600125IR-45	600	125			
KLA750125IR-45	750	125			
KLA900125IR-45	900	125			
KLA1000125IR-45	1000	125			
KLA200150IR-45	200	150			
KLA250150IR-45	250	150			
KLA300150IR-45	300	150			
KLA400150IR-45	400	150			
KLA450150IR-45	450	150			
KLA500150IR-45	500	150			
KLA600150IR-45	600	150			
KLA750150IR-45	750	150			
KLA900150IR-45	900	150			
KLA1000150IR-45	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

EP - Epoxy Coated

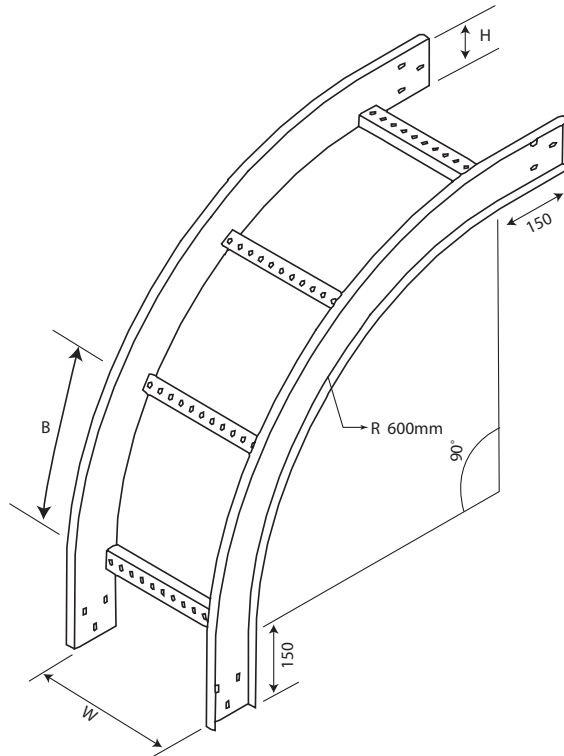
PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

Standard Radius - 450mm

90° Vertical External Riser



Model	W	H	Thickness	Radius	Finish
KLA15050ER-90	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or Polyester Coated - Stainless Steel & Aluminum Alloy
KLA20050ER-90	200	50			
KLA25050ER-90	250	50			
KLA30050ER-90	300	50			
KLA15075ER-90	150	75			
KLA20075ER-90	200	75			
KLA25075ER-90	250	75			
KLA30075ER-90	300	75			
KLA150100ER-90	150	100			
KLA200100ER-90	200	100			
KLA250100ER-90	250	100			
KLA300100ER-90	300	100			
KLA400100ER-90	400	100			
KLA450100ER-90	450	100			
KLA500100ER-90	500	100			
KLA600100ER-90	600	100			
KLA750100ER-90	750	100			
KLA900100ER-90	900	100			
KLA1000100ER-90	1000	100			
KLA200125ER-90	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125ER-90	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125ER-90	300	125			
KLA400125ER-90	400	125			
KLA450125ER-90	450	125			
KLA500125ER-90	500	125			
KLA600125ER-90	600	125			
KLA750125ER-90	750	125			
KLA900125ER-90	900	125			
KLA1000125ER-90	1000	125			
KLA200150ER-90	200	150			
KLA250150ER-90	250	150			
KLA300150ER-90	300	150			
KLA400150ER-90	400	150			
KLA450150ER-90	450	150			
KLA500150ER-90	500	150			
KLA600150ER-90	600	150			
KLA750150ER-90	750	150			
KLA900150ER-90	900	150			
KLA1000150ER-90	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

EP - Epoxy Coated

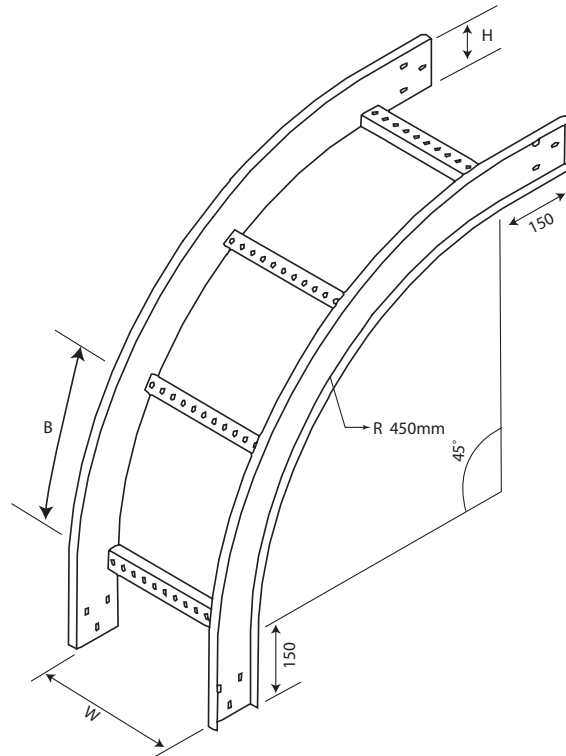
PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

Standard Radius - 600mm

45° Vertical External Riser



Model	W	H	Thickness	Radius	Finish
KLA15050ER-45	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA20050ER-45	200	50			
KLA25050ER-45	250	50			
KLA30050ER-45	300	50			
KLA15075ER-45	150	75			
KLA20075ER-45	200	75			
KLA25075ER-45	250	75			
KLA30075ER-45	300	75			
KLA150100ER-45	150	100			
KLA200100ER-45	200	100			
KLA250100ER-45	250	100			
KLA300100ER-45	300	100			
KLA400100ER-45	400	100			
KLA450100ER-45	450	100			
KLA500100ER-45	500	100			
KLA600100ER-45	600	100			
KLA750100ER-45	750	100			
KLA900100ER-45	900	100			
KLA1000100ER-45	1000	100			
KLA200125ER-45	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125ER-45	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125ER-45	300	125			
KLA400125ER-45	400	125			
KLA450125ER-45	450	125			
KLA500125ER-45	500	125			
KLA600125ER-45	600	125			
KLA750125ER-45	750	125			
KLA900125ER-45	900	125			
KLA1000125ER-45	1000	125			
KLA200150ER-45	200	150			
KLA250150ER-45	250	150			
KLA300150ER-45	300	150			
KLA400150ER-45	400	150			
KLA450150ER-45	450	150			
KLA500150ER-45	500	150			
KLA600150ER-45	600	150			
KLA750150ER-45	750	150			
KLA900150ER-45	900	150			
KLA1000150ER-45	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

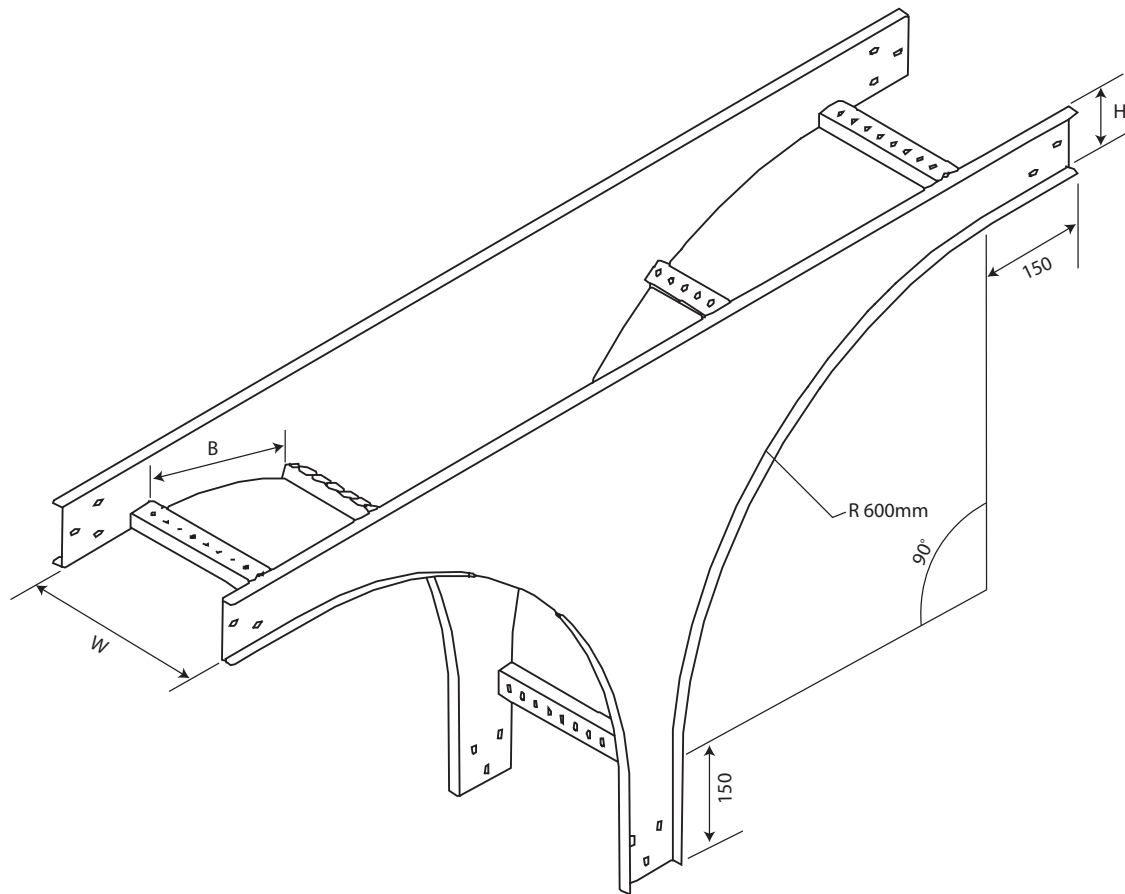
EP - Epoxy Coated

PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

Standard Radius - 450mm

90° Vertical Tee


Model	W	H	Thickness	Radius	Finish
KLA15050VT90	150	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA20050VT90	200	50			
KLA25050VT90	250	50			
KLA30050VT90	300	50			
KLA15075VT90	150	75			
KLA20075VT90	200	75			
KLA25075VT90	250	75			
KLA30075VT90	300	75			
KLA150100VT90	150	100			
KLA200100VT90	200	100			
KLA250100VT90	250	100			
KLA300100VT90	300	100			
KLA400100VT90	400	100			
KLA450100VT90	450	100			
KLA500100VT90	500	100			
KLA600100VT90	600	100			
KLA750100VT90	750	100			
KLA900100VT90	900	100			
KLA1000100VT90	1000	100			
KLA200125VT90	200	125			

Model	W	H	Thickness	Radius	Finish
KLA250125VT90	250	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300125VT90	300	125			
KLA400125VT90	400	125			
KLA450125VT90	450	125			
KLA500125VT90	500	125			
KLA600125VT90	600	125			
KLA750125VT90	750	125			
KLA900125VT90	900	125			
KLA1000125VT90	1000	125			
KLA200150VT90	200	150			
KLA250150VT90	250	150			
KLA300150VT90	300	150			
KLA400150VT90	400	150			
KLA450150VT90	450	150			
KLA500150VT90	500	150			
KLA600150VT90	600	150			
KLA750150VT90	750	150			
KLA900150VT90	900	150			
KLA1000150VT90	1000	150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

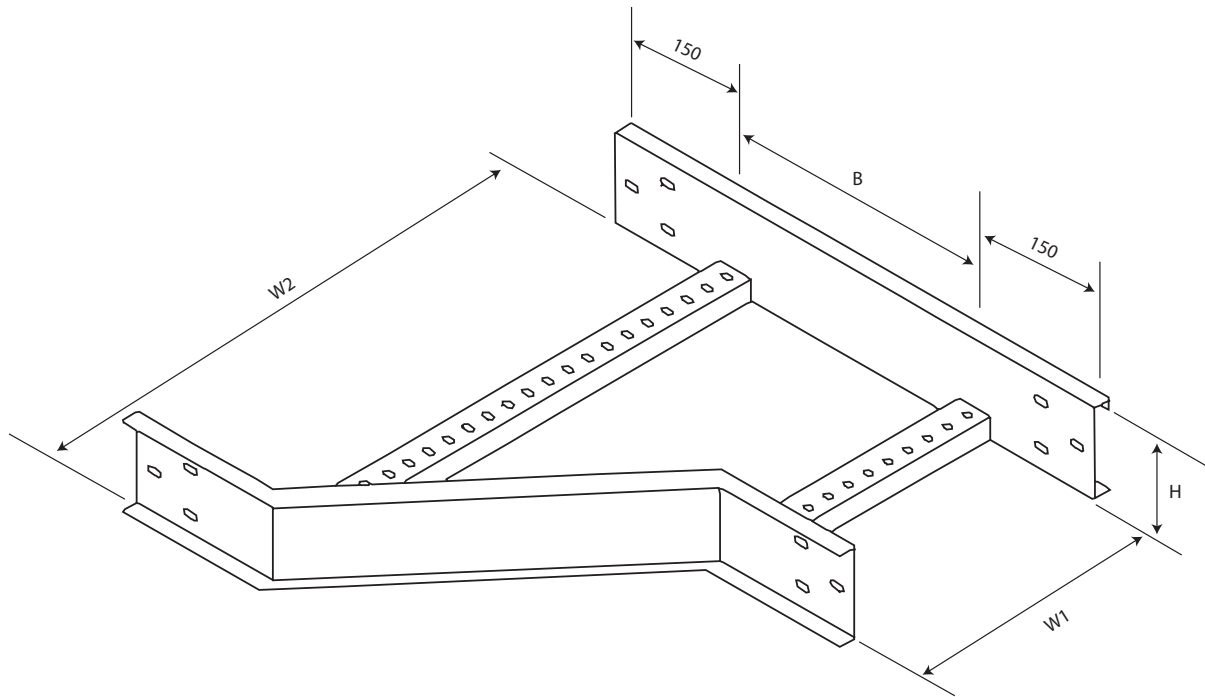
EP - Epoxy Coated

PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

Standard Radius - 600mm

Left Offset Reducer


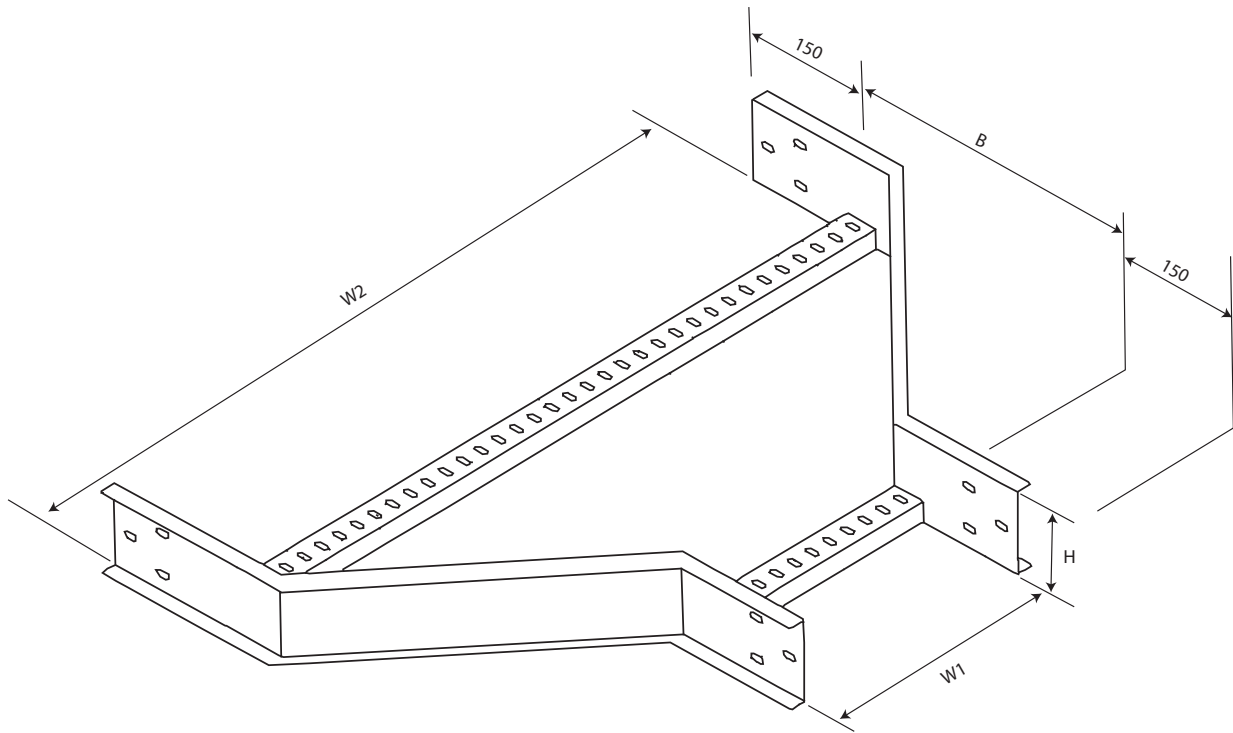
Model	W1	W2	H	Thickness	Radius	Finish
KLA150W250LOR	150	200 to 1000	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA200W250LOR	200		50			
KLA250W250LOR	250		50			
KLA300W250LOR	300		50			
KLA150W275LOR	150		75			
KLA200W275LOR	200		75			
KLA250W275LOR	250		75			
KLA300W275LOR	300		75			
KLA150W2100LOR	150		100			
KLA200W2100LOR	200		100			
KLA250W2100LOR	250		100			
KLA300W2100LOR	300		100			
KLA400W2100LOR	400		100			
KLA450W2100LOR	450		100			
KLA500W2100LOR	500		100			
KLA600W2100LOR	600		100			
KLA750W2100LOR	750		100			
KLA900W2100LOR	900		100			
KLA1000W2100LOR	1000		100			
KLA200W2125LOR	200		125			

Model	W1	W2	H	Thickness	Radius	Finish
KLA250W2125LOR	250	200 to 1000	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300W2125LOR	300		125			
KLA400W2125LOR	400		125			
KLA450W2125LOR	450		125			
KLA500W2125LOR	500		125			
KLA600W2125LOR	600		125			
KLA750W2125LOR	750		125			
KLA900W2125LOR	900		125			
KLA1000W2125LOR	1000		125			
KLA200W2150LOR	200		150			
KLA250W2150LOR	250		150			
KLA300W2150LOR	300		150			
KLA400W2150LOR	400		150			
KLA450W2150LOR	450		150			
KLA500W2150LOR	500		150			
KLA600W2150LOR	600		150			
KLA750W2150LOR	750		150			
KLA800W2150LOR	800		150			
KLA900W2150LOR	900		150			
KLA1000W2150LOR	1000		150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing H-Height
 Finish : HDG-Hot Dip Galvanized PG - Pre Galvanized Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)
 EP - Epoxy Coated PC - PVC Coated

When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots
 Standard Rung - As per the st ladder ordered

Straight Reducer


Model	W1	W2	H	Thickness	Radius	Finish
KLA150W ₂ 50SR	150	200 to 1000	50	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA200W ₂ 50SR	200		50			
KLA250W ₂ 50SR	250		50			
KLA300W ₂ 50SR	300		50			
KLA150W ₂ 75SR	150		75			
KLA200W ₂ 75SR	200		75			
KLA250W ₂ 75SR	250		75			
KLA300W ₂ 75SR	300		75			
KLA150W ₂ 100SR	150		100			
KLA200W ₂ 100SR	200		100			
KLA250W ₂ 100SR	250		100			
KLA300W ₂ 100SR	300		100			
KLA400W ₂ 100SR	400		100			
KLA450W ₂ 100SR	450		100			
KLA500W ₂ 100SR	500		100			
KLA600W ₂ 100SR	600		100			
KLA750W ₂ 100SR	750		100			
KLA900W ₂ 100SR	900		100			
KLA1000W ₂ 100SR	1000		100			
KLA200W ₂ 125SR	200		125			

Model	W1	W2	H	Thickness	Radius	Finish
KLA250W ₂ 125SR	250	200 to 1000	125	As Straight Cable Ladder	300 to 700 (Standard Radius 450)	Hot Dip Galvanized - Epoxy or PVC Coated - Stainless Steel & Aluminum Alloy
KLA300W ₂ 125SR	300		125			
KLA400W ₂ 125SR	400		125			
KLA450W ₂ 125SR	450		125			
KLA500W ₂ 125SR	500		125			
KLA600W ₂ 125SR	600		125			
KLA750W ₂ 125SR	750		125			
KLA900W ₂ 125SR	900		125			
KLA1000W ₂ 125SR	1000		125			
KLA200W ₂ 150SR	200		150			
KLA250W ₂ 150SR	250		150			
KLA300W ₂ 150SR	300		150			
KLA400W ₂ 150SR	400		150			
KLA450W ₂ 150SR	450		150			
KLA500W ₂ 150SR	500		150			
KLA600W ₂ 150SR	600		150			
KLA750W ₂ 150SR	750		150			
KLA800W ₂ 150SR	800		150			
KLA900W ₂ 150SR	900		150			
KLA1000W ₂ 150SR	1000		150			

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

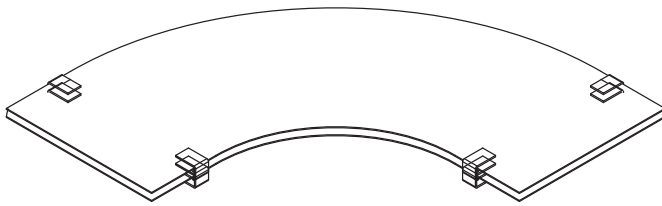
EP - Epoxy Coated

PC - PVC Coated

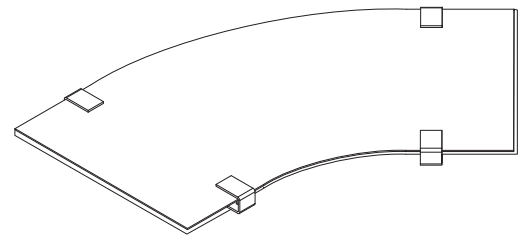
When ordering please Indicate Material and Finish. We also supply other sizes with the same Rail, Rung profile and various connection slots

Standard Rung - As per the st ladder ordered

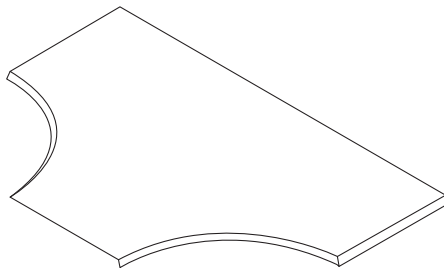
Cable Ladder Accessories Style


90 ° Bend Cover

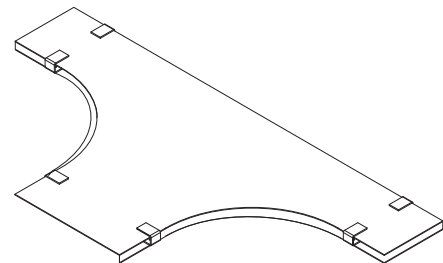
Model	Size mm	Height mm
KLC10-90B	100	15
KLC15-90B	150	15
KLC20-90B	200	15
KLC22-90B	225	15
KLC25-90B	250	15
KLC30-90B	300	15
KLC40-90B	400	15
KLC45-90B	450	15
KLC50-90B	500	15
KLC60-90B	600	15
KLC70-90B	700	15
KLC75-90B	750	15
KLC90-90B	900	15
KLC100-90B	1000	15


45 ° Bend Cover

Model	Size mm	Height mm
KLC10-45B	100	15
KLC15-45B	150	15
KLC20-45B	200	15
KLC22-45B	225	15
KLC25-45B	250	15
KLC30-45B	300	15
KLC40-45B	400	15
KLC45-45B	450	15
KLC50-45B	500	15
KLC60-45B	600	15
KLC70-45B	700	15
KLC75-45B	750	15
KLC90-45B	900	15
KLC100-45B	1000	15


Tee Cover

Model	Size mm	Height mm
KLC10-TE	100	15
KLC15-TE	150	15
KLC20-TE	200	15
KLC22-TE	225	15
KLC25-TE	250	15
KLC30-TE	300	15
KLC40-TE	400	15
KLC45-TE	450	15
KLC50-TE	500	15
KLC60-TE	600	15
KLC70-TE	700	15
KLC75-TE	750	15
KLC90-TE	900	15
KLC100-TE	1000	15


Tee Cover - Un Equal

Model	Size mm	Height mm
KLC10-TU	100	15
KLC15-TU	150	15
KLC20-TU	200	15
KLC22-TU	225	15
KLC25-TU	250	15
KLC30-TU	300	15
KLC40-TU	400	15
KLC45-TU	450	15
KLC50-TU	500	15
KLC60-TU	600	15
KLC70-TU	700	15
KLC75-TU	750	15
KLC90-TU	900	15
KLC100-TU	1000	15

Note:

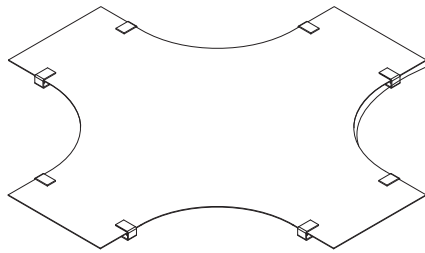
Please add suffix

P= Plate cover 25 Deg, B= Plate Cover 10 Deg, V= Ventilated Cover, F= Flat Cover

At the end of the Part No.

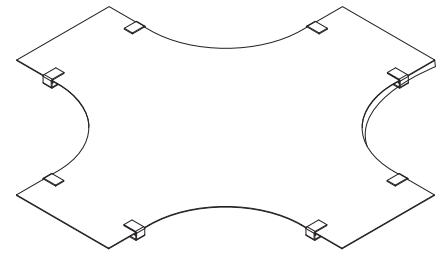
Standard Cover Height 15 mm, all the measurements are in millimeters (mm) unless otherwise specified

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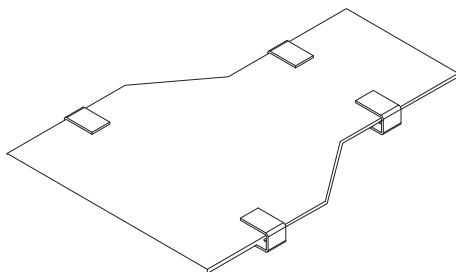
Equal Cross Cover

Model	Size mm	Height mm
KLC10-EC	100	15
KLC15-EC	150	15
KLC20-EC	200	15
KLC22-EC	225	15
KLC25-EC	250	15
KLC30-EC	300	15
KLC40-EC	400	15
KLC45-EC	450	15
KLC50-EC	500	15
KLC60-EC	600	15
KLC70-EC	700	15
KLC75-EC	750	15
KLC90-EC	900	15
KLC100-EC	1000	15



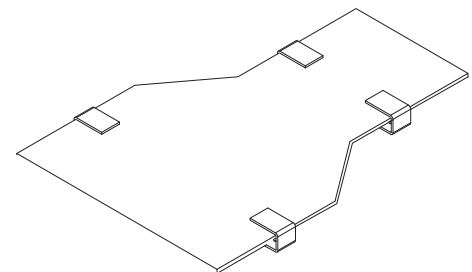
Un Equal Cross Cover

Model	Size mm	Height mm
KLC10-UC	100	15
KLC15-UC	150	15
KLC20-UC	200	15
KLC22-UC	225	15
KLC25-UC	250	15
KLC30-UC	300	15
KLC40-UC	400	15
KLC45-UC	450	15
KLC50-UC	500	15
KLC60-UC	600	15
KLC70-UC	700	15
KLC75-UC	750	15
KLC90-UC	900	15
KLC100-UC	1000	15



Straight Reducer Cover

Model	Size mm	Height mm
KLC10-R	100	15
KLC15-R	150	15
KLC20-R	200	15
KLC22-R	225	15
KLC25-R	250	15
KLC30-R	300	15
KLC40-R	400	15
KLC45-R	450	15
KLC50-R	500	15
KLC60-R	600	15
KLC70-R	700	15
KLC75-R	750	15
KLC90-R	900	15
KLC100-R	1000	15



Left Reducer Cover

Model	Size mm	Height mm
KLC10-LR	100	15
KLC15-LR	150	15
KLC20-LR	200	15
KLC22-LR	225	15
KLC25-LR	250	15
KLC30-LR	300	15
KLC40-LR	400	15
KLC45-LR	450	15
KLC50-LR	500	15
KLC60-LR	600	15
KLC70-LR	700	15
KLC75-LR	750	15
KLC90-LR	900	15
KLC100-LR	1000	15

Note:

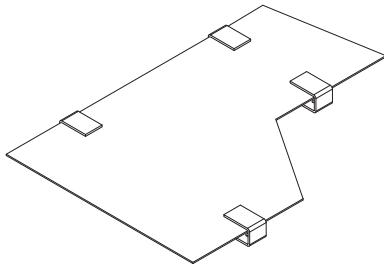
Please add suffix

P= Plate cover 25 Deg, B = Plate Cover 10 Deg, V = Ventilated Cover, F = Flat Cover

At the end of the Part No.

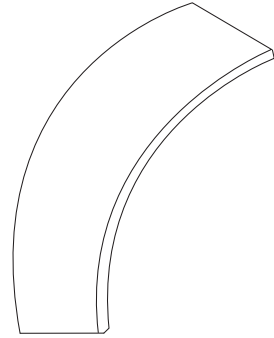
Standard Cover Height 15 mm, all the measurements are in millimeters (mm) unless otherwise specified

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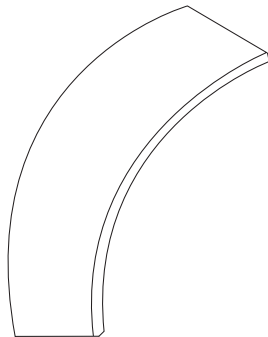
Right Offset Reducer Cover

Model	Size mm	Height mm
KLC10-RR	100	15
KLC15-RR	150	15
KLC20-RR	200	15
KLC22-RR	225	15
KLC25-RR	250	15
KLC30-RR	300	15
KLC40-RR	400	15
KLC45-RR	450	15
KLC50-RR	500	15
KLC60-RR	600	15
KLC70-RR	700	15
KLC75-RR	750	15
KLC90-RR	900	15
KLC100-RR	1000	15



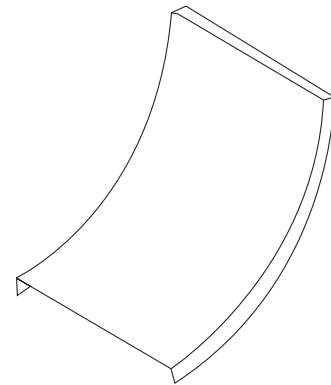
External Riser Cover 90°

Model	Size mm	Height mm
KLC10-ER90	100	15
KLC15-ER90	150	15
KLC20-ER90	200	15
KLC22-ER90	225	15
KLC25-ER90	250	15
KLC30-ER90	300	15
KLC40-ER90	400	15
KLC45-ER90	450	15
KLC50-ER90	500	15
KLC60-ER90	600	15
KLC70-ER90	700	15
KLC75-ER90	750	15
KLC90-ER90	900	15
KLC100-ER90	1000	15



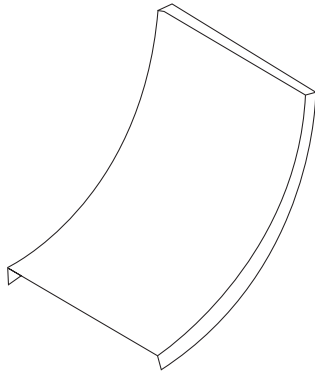
External Riser Cover 45°

Model	Size mm	Height mm
KLC10-ER45	100	15
KLC15-ER45	150	15
KLC20-ER45	200	15
KLC22-ER45	225	15
KLC25-ER45	250	15
KLC30-ER45	300	15
KLC40-ER45	400	15
KLC45-ER45	450	15
KLC50-ER45	500	15
KLC60-ER45	600	15
KLC70-ER45	700	15
KLC75-ER45	750	15
KLC90-ER45	900	15
KLC100-ER45	1000	15



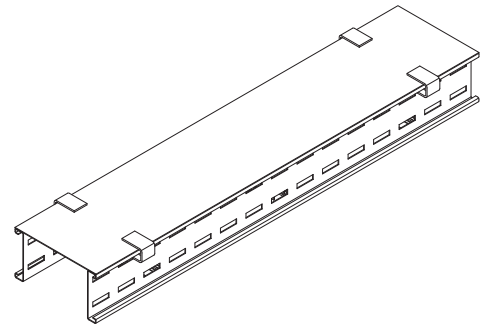
Internal Riser Cover 90°

Model	Size mm	Height mm
KLC10-IR90	100	15
KLC15-IR90	150	15
KLC20-IR90	200	15
KLC22-IR90	225	15
KLC25-IR90	250	15
KLC30-IR90	300	15
KLC40-IR90	400	15
KLC45-IR90	450	15
KLC50-IR90	500	15
KLC60-IR90	600	15
KLC70-IR90	700	15
KLC75-IR90	750	15
KLC90-IR90	900	15
KLC100-IR90	1000	15



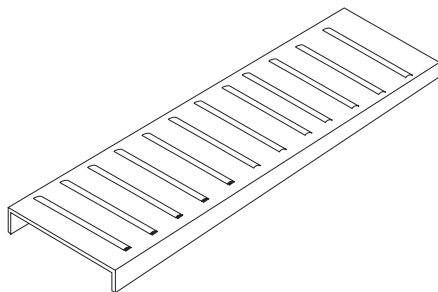
Internal Riser Cover 45°

Model	Size mm	Height mm
KLC10-IR45	100	15
KLC15-IR45	150	15
KLC20-IR45	200	15
KLC22-IR45	225	15
KLC25-IR45	250	15
KLC30-IR45	300	15
KLC40-IR45	400	15
KLC45-IR45	450	15
KLC50-IR45	500	15
KLC60-IR45	600	15
KLC70-IR45	700	15
KLC75-IR45	750	15
KLC90-IR45	900	15
KLC100-IR45	1000	15



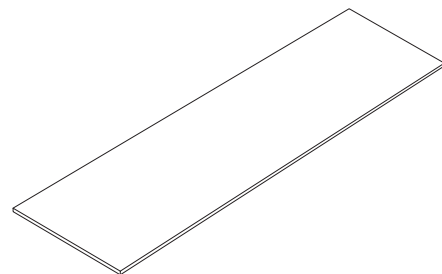
Ladder Cover

Model	Size mm	Height mm
KLC10	100	15
KLC15	150	15
KLC20	200	15
KLC22	225	15
KLC25	250	15
KLC30	300	15
KLC40	400	15
KLC45	450	15
KLC50	500	15
KLC60	600	15
KLC70	700	15
KLC75	750	15
KLC90	900	15
KLC100	1000	15



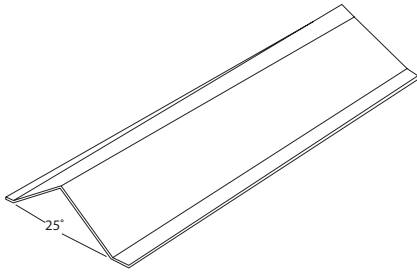
Ventilated Cover

Model	Size mm	Height mm
KLVC10	100	15
KLVC15	150	15
KLVC20	200	15
KLVC22	225	15
KLVC25	250	15
KLVC30	300	15
KLVC40	400	15
KLVC45	450	15
KLVC50	500	15
KLVC60	600	15
KLVC70	700	15
KLVC75	750	15
KLVC90	900	15
KLVC100	1000	15

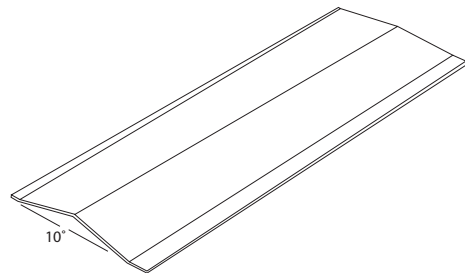


Flat Cover

Model	Size mm	Height mm
KLFC10	100	15
KLFC15	150	15
KLFC20	200	15
KLFC22	225	15
KLFC25	250	15
KLFC30	300	15
KLFC40	400	15
KLFC45	450	15
KLFC50	500	15
KLFC60	600	15
KLFC70	700	15
KLFC75	750	15
KLFC90	900	15
KLFC100	1000	15


Peak Cover 25°

Model	Size mm	Height mm
KLPL10	100	15
KLPC15	150	15
KLPC20	200	15
KLPC22	225	15
KLPC25	250	15
KLPC30	300	15
KLPC40	400	15
KLPC45	450	15
KLPC50	500	15
KLPC60	600	15
KLPC70	700	15
KLPC75	750	15
KLPC90	900	15
KLPC100	1000	15


Peak Cover 10°

Model	Size mm	Height mm
KLBC10	100	15
KLBC15	150	15
KLBC20	200	15
KLBC22	225	15
KLBC25	250	15
KLBC30	300	15
KLBC40	400	15
KLBC45	450	15
KLBC50	500	15
KLBC60	600	15
KLBC70	700	15
KLBC75	750	15
KLBC90	900	15
KLBC100	1000	15

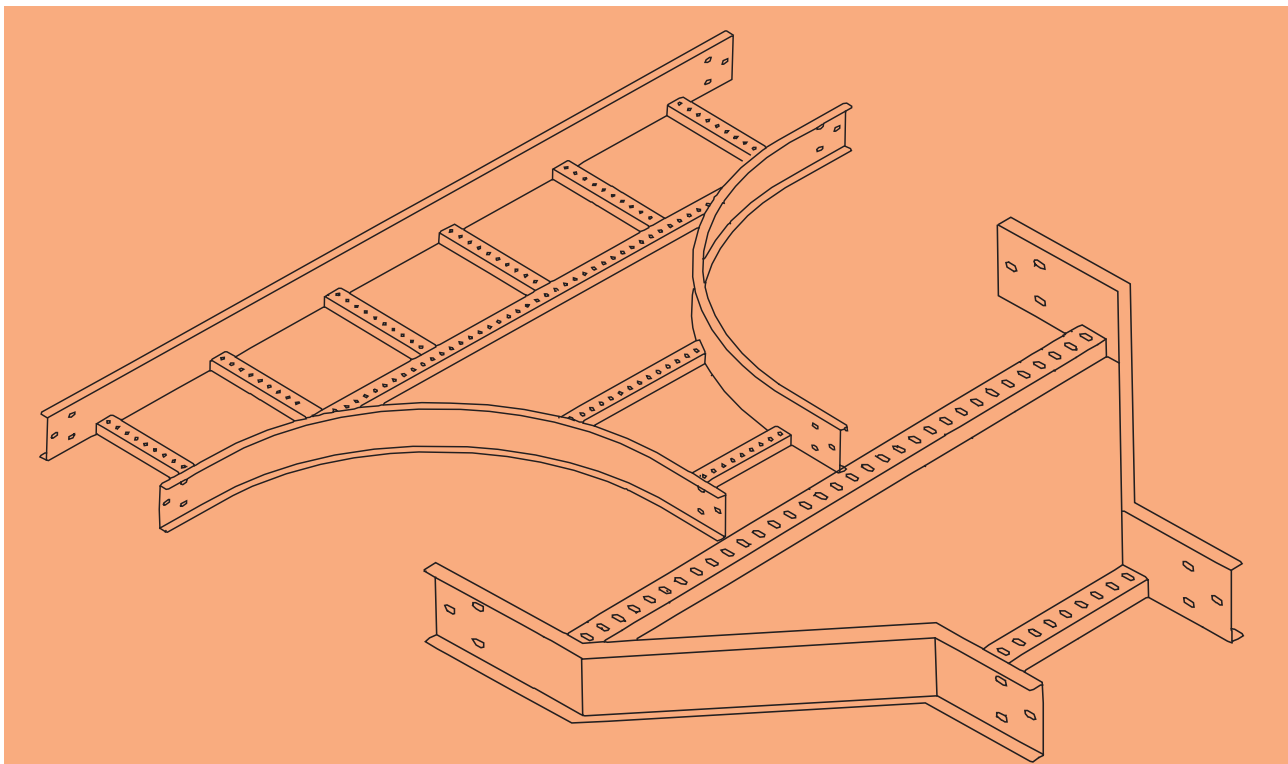
Note:

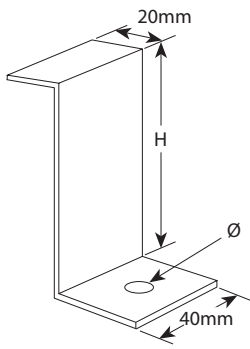
Please add suffix

P= Plate cover 25 Deg, B = Plate Cover 10 Deg, V = Ventilated Cover, F = Flat Cover

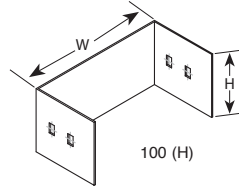
At the end of the Part No.

Standard Cover Height 15 mm, all the measurements are in millimeters (mm) unless otherwise specified

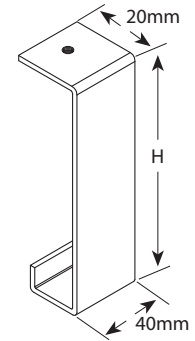



Wall Bracket Clamp

Model	Height
KZWB-50	50
KZWB-75	75
KZWB-100	100
KZWB-125	125
KZWB-150	150
KZWB-175	175


End Cap

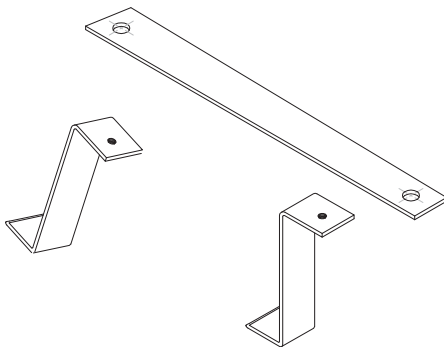
Model	Height
KLEL-50	50
KLEL-75	75
KLEL-100	100
KLEL-125	125
KLEL-150	150
KLEL-175	175


Cover Clamp

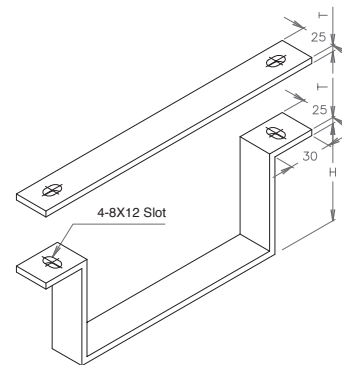
Model	Height
KLCC-50	50
KLCC-75	75
KLCC-100	100
KLCC-125	125
KLCC-150	150
KLCC-175	175

Note:

Please add 300 for 300mm cable ladder to end cap required KIEC50-300


Z Cover Clamp

Model	Height
KZCC-50	50
KZCC-75	75
KZCC-100	100
KZCC-125	125
KZCC-150	150
KZCC-175	175


HD Cover Clamp

Model	Height
KHCC-50	50
KHCC-75	75
KHCC-100	100
KHCC-125	125
KHCC-150	150
KHCC-175	175

Note:

Please add 300 for 300mm cable ladder to end cap required KZCC50-300

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

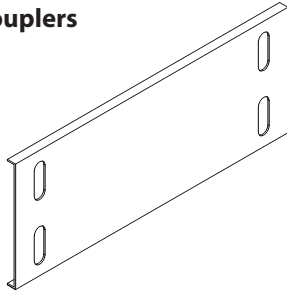
PG - Pre Galvanized

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

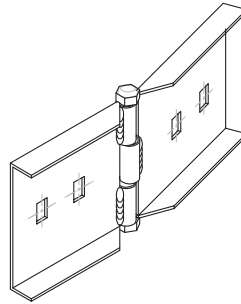
EP - Epoxy Coated

PC - PVC Coated

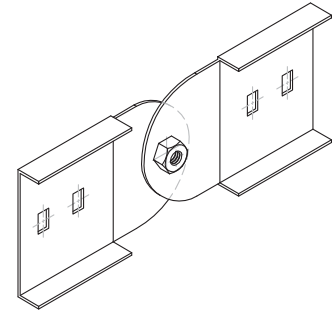
When ordering please Indicate Material and Finish.

Couplers

Straight Coupler

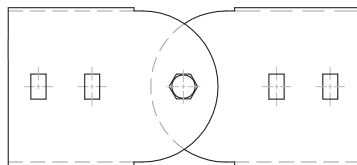
Model	Height
KSL-50	50m
KSL-75	75m
KSL-100	100m
KSL-125	125m
KSL-150	150m
KSL-175	175m


Horizontal Coupler

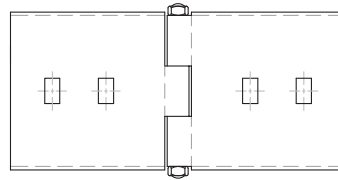
Model	Height
KHC-50	50m
KHC-75	75m
KHC-100	100m
KHC-125	125m
KHC-150	150m
KHC-175	175m


Vertical Coupler

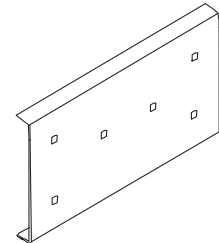
Model	Height
KVC-50	50m
KVC-75	75m
KVC-100	100m
KVC-125	125m
KVC-150	150m
KVC-175	175m


Vertical Straight Coupler

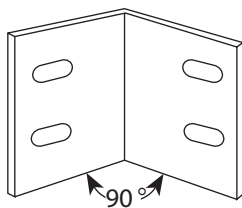
Model	Height
KVSC-50	50m
KVSC-75	75m
KVSC-100	100m
KVSC-125	125m
KVSC-150	150m
KVSC-175	175m


Horizontal Straight Coupler

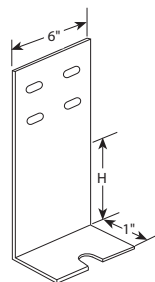
Model	Height
KHSC-50	50m
KHSC-75	75m
KHSC-100	100m
KHSC-125	125m
KHSC-150	150m
KHSC-175	175m


Splice Plate and Fixture

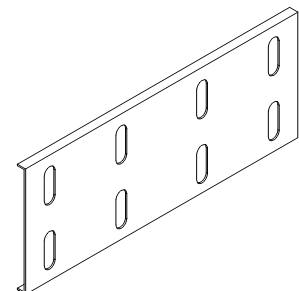
Model	Height
KSPF-50	50m
KSPF-75	75m
KSPF-100	100m
KSPF-125	125m
KSPF-150	150m
KSPF-175	175m


90° Splice Plate

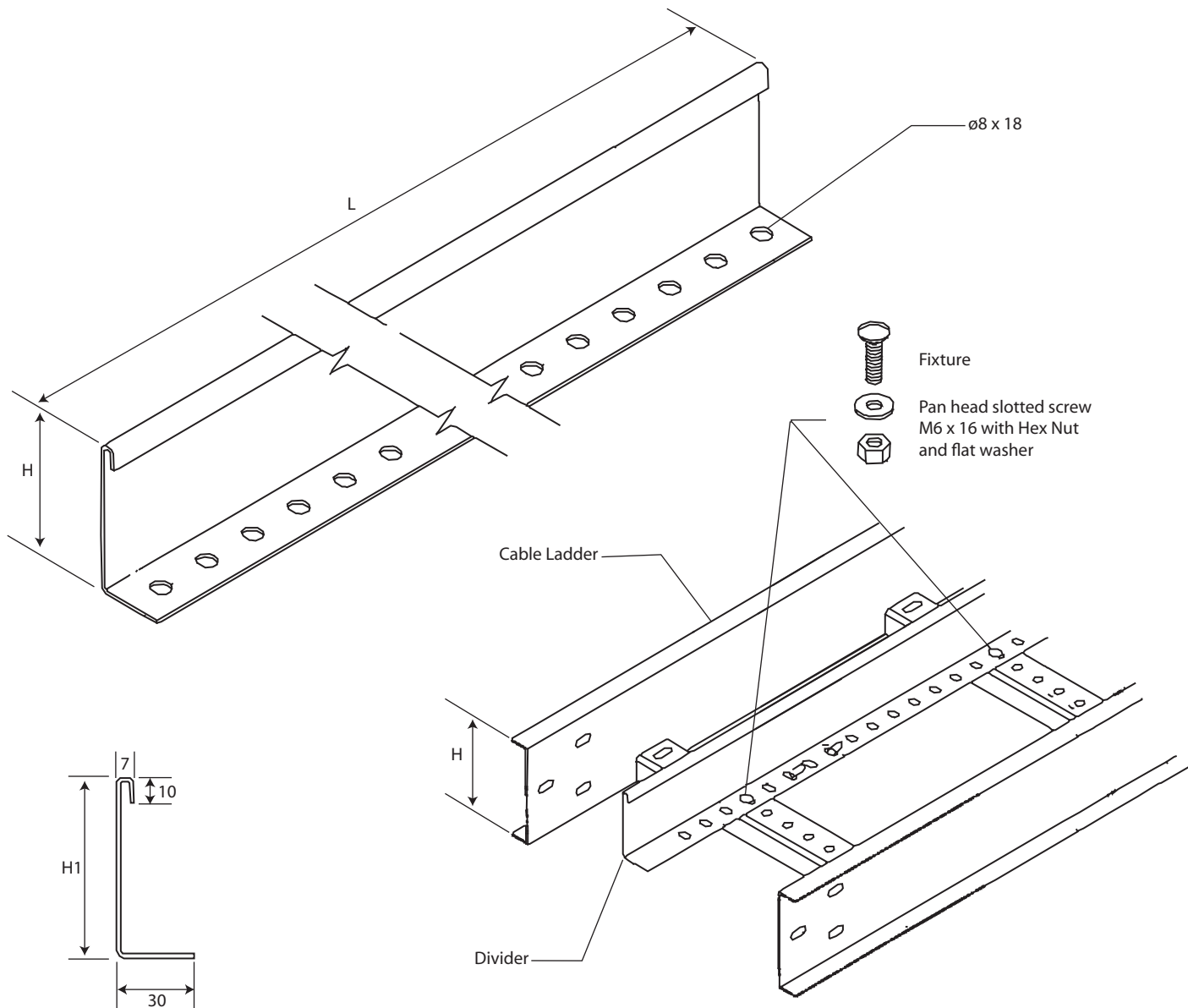
Model	Height
KSP90-50	50m
KSP90-75	75m
KSP90-100	100m
KSP90-125	125m
KSP90-150	150m
KSP90-175	175m


Raised Coupler

Model	Height
KRC-50	50m
KRC-75	75m
KRC-100	100m
KRC-125	125m
KRC-150	150m
KRC-175	175m


Straight Coupler 8 Hole

Model	Height
KSL8-50	50m
KSL8-75	75m
KSL8-100	100m
KSL8-125	125m
KSL8-150	150m
KSL8-175	175m

Divider


Straight Divider Section

Model	H	H1	Thickness	L	Finish
KLA50D	50	20	1.5	1500 or 3000	Hot dip Galvanized - Epoxy or Polyester Coated - Stainless Steel & Aluminum Alloy
KLA75D	75	45	1.5		
KLA100D	100	70	2.0		
KLA125D	125	95	2.0		
KLA150D	150	120	2.0		

Dimension in Millimeter

Abbreviation : B-Rung Spacing

H-Height

Finish : HDG-Hot Dip Galvanized

PG - Pre Galvanized

EP - Epoxy Coated

Al - Aluminum Alloy - SS34 (SS304 Grade), SS36 (SS316 Grade)

PC - PVC Coated

When ordering please Indicate Material and Finish.

Kruppsmetal Corporation Consists of these Products



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KRUPPSCONDUIT

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