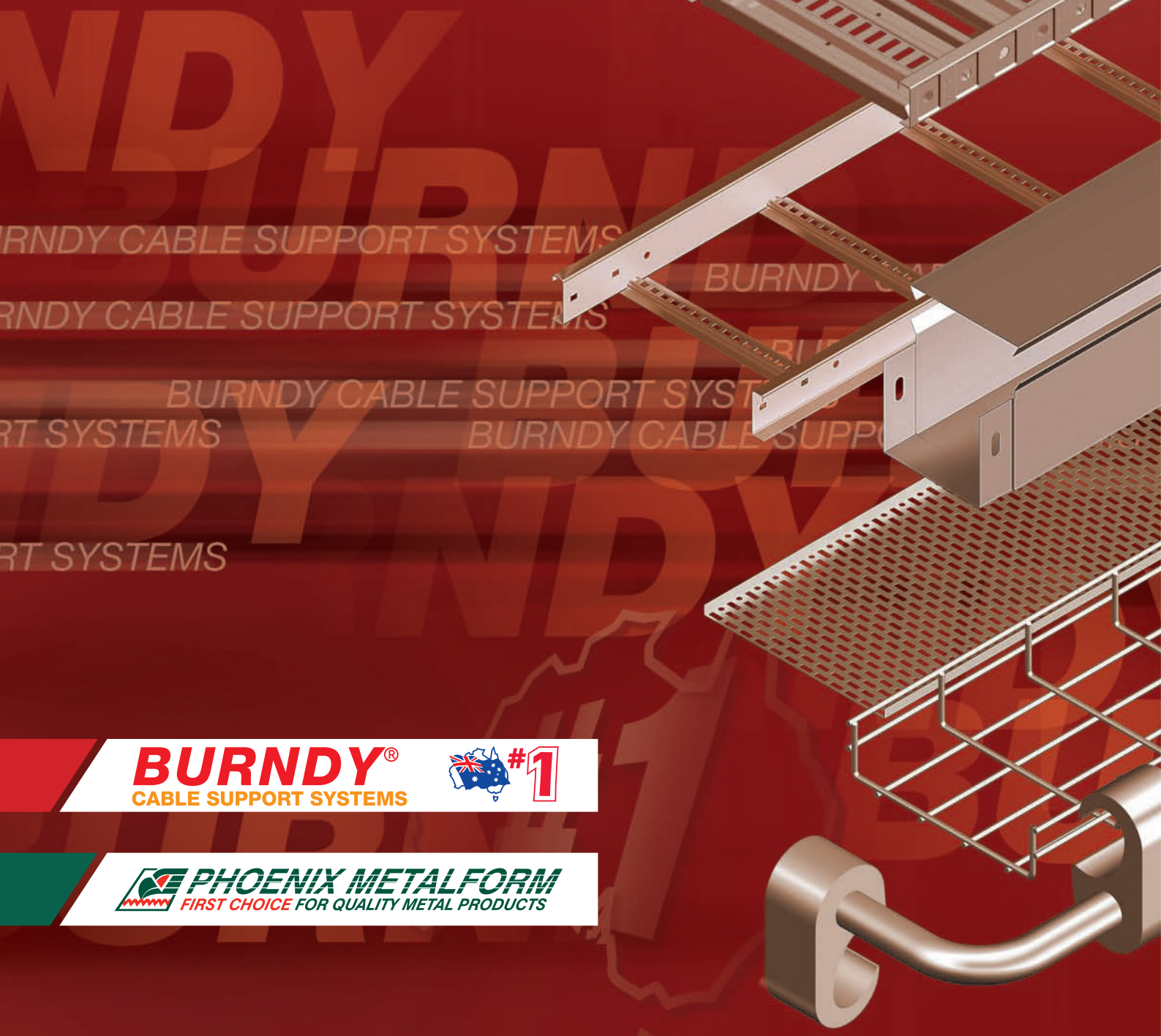


# BURNDY

## Cable Support Systems

FIRST CHOICE FOR • TRAY • LADDER • STRUT • HYGROUND • CABLE MESH



**BURNDY®**  
CABLE SUPPORT SYSTEMS



**PHOENIX METALFORM**  
FIRST CHOICE FOR QUALITY METAL PRODUCTS



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Fax 07 3219 6208  
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Moonah  
Tasmania, 7009  
Phone 03 627 34455  
Fax 03 627 34734  
email wgordon@inet.com.au

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August 2012







## Introduction



Pioneers of the original Laddertray systems, Burndy are considered by many to have established the benchmark for quality and performance in commercial construction applications.

For over 30 years, it has been widely held that Burndy have been leaders in their field. Their continuous efforts at improving both products and services have been rewarded by a wide and growing user base and resellers.

Established in 1982, Phoenix Metalform, the parent company of Burndy, are a significant participant in sheet metal roll forming and fabrication.

With branch offices throughout Australia, Burndy is always conveniently placed to service it's customers.

Manufactured in a wide range of materials including Hot Dip Galvanised Steel, Aluminium and Stainless Steel, there is a Burndy product to suit your specific application and environmental conditions.

Always striving to meet the growing demands of a sophisticated market, the Burndy range has evolved to provide a genuine one stop shop with the ability to satisfy your cable support needs.

Our mission is to be your first choice for the supply of cable support systems in Australia, and having a dedicated team of professionals is an essential platform in achieving that goal.

You can be assured of Burndy's commitment to continually improving our range, our product quality, our value for money and our delivery turnaround time.





## Galvanic Corrosion

One of the prime factors to consider in achieving a long service life is to minimise the destructive effects of galvanic corrosion brought about by having dissimilar metals in close contact and in the presence of an electrolyte.

Dissimilar metals in the presence of an electrolyte (which can be just water) can set up a galvanic couple which will cause the anodic metal to corrode more quickly than it otherwise would.

Metals can be arranged into a chart or table called a galvanic series which gives an indication of which metal will act as an anode and which as the cathode, with the anode suffering an increased rate of corrosion.

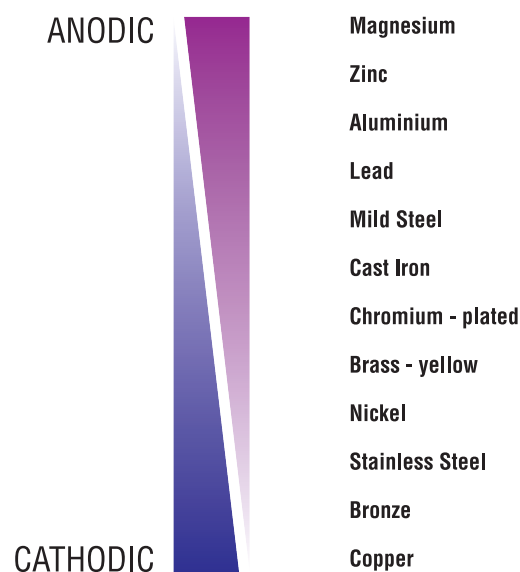
This chart provides a straightforward guide to material selection. In simple terms, galvanic

corrosion will increase as the distance between the chosen metals in the table increases.

The effects of galvanic corrosion can be greatly inhibited or even eliminated altogether by methods including:

1. Electrically insulating the two metals from one another through the use of insulating washers or grease.
2. Employing a paint or epoxy coating to seal the metal from contact with an electrolyte.
3. Using metals which are located as closely as possible on the galvanic series table.

The table below shows the position of some common metals in the Galvanic Series.





## Material Corrosion Chart

Chemical	Hot Dip Galvanised	Aluminium	Stainless Steel 304	Stainless Steel 316	Fibreglass
Benzene	N/A	R	R	R	NR
Carbon Tetrachloride	N/A	C	R	R	C
Gasoline	R	R	R	R	C
Hydrochloric Acid 40%	NR	NR	NR	NR	C
Hydrochloric Acid 10%	NR	NR	NR	NR	R
Hydrochloric Acid 2%	NR	NR	NR	NR	R
Hydrogen Peroxide 30%	N/A	R	R	R	C
Hydrogen Peroxide 3%	N/A	R	R	R	C
Hydrogen Sulphide (Gas)	N/A	R	C	R	R
Mineral Spirits	N/A	R	N/A	N/A	NR
Motor Oil	R	R	R	R	R
Nitric Acid	N/A	C	R	R	C
Phosphoric Acid 2%	NR	C	R	R	R
Sodium Chloride 25%	C	C	R	R	R
Sulphuric Acid 2%	NR	C	NR	R	R
Water-Deionised	C	R	R	R	R
Water-Sea	C	C	R	R	R
Water-Tap	R	R	C	C	R

**R** = Recommended    **C** = Conditions dependant    **NR** = Not Recommended    **N/A** = Info not available

The above Corrosion Chart gives an indication of the suitability of materials in a corrosive environment. Although providing a good guide, it is recommended that the use of this table should be supported by actual testing.







**1 Channels**

---

Channels	1.1 - 1.7
Slotted Channels	1.8 - 1.10
Back to Back Channels	1.11 - 1.12
Slotted Angle	1.12

**2 Nuts & Bolts**

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Nuts & Bolts	2.1 - 2.6
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**3 Cantilever Brackets**

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Cantilever Brackets	3.1 - 3.2
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**4 Channel Fittings**

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Channel Fittings	4.1 - 4.5
Beam Clamps	4.6 - 4.9
Channel Covers, Joiners & Hangers	4.11 - 4.11
Channel Accessories	4.12

**5 Laddertrays**

---

LT1 Laddertrays and Accessories	5.1
LT3 Laddertrays	5.2
LT3 Laddertray Accessories	5.3 - 5.4
LT5 Laddertrays	5.5
LT5 Laddertray Accessories	5.6 - 5.7
Laddertray LT3/LT5.BCM - Cable Ladder/Mesh Flat Covers	5.8



Laddertray Assembly, Horizontal Bend	5.9
Laddertray Assembly, External Riser	5.10
Laddertray Assembly, Internal Riser	5.11
Laddertray Assembly, Tee	5.12
Cable Ducts	5.13 - 5.14
Cable Trays	5.15

## **6 Cable Mesh**

---

Wire Mesh Cable Tray	6.1
Wire Mesh Cable Tray Fixing and Accessories	6.2 - 6.5
Assembly Guides - 90° Short and Long Radius Bends	6.6
Assembly Guides - Reducers and Tees	6.7
Assembly Guides - Vertical Bends	6.8

## **7 Steel Ladders**

---

Galvanised Steel Ladders NEMA 1 (12B)	7.1
Galvanised Steel Riser Ladders NEMA 1 (12B)	7.2
Galvanised Steel Ladders NEMA 1, Bends (12B)	7.3
Galvanised Steel Ladders NEMA 1, Tees (12B)	7.3
Galvanised Steel Ladders NEMA 1, Risers (12B)	7.4
Galvanised Steel Ladders NEMA 1, Crosses (12B)	7.5
Galvanised Steel Ladders NEMA 1, Reducers (12B)	7.5 - 7.6
Galvanised Steel Ladders NEMA 1, Accessories (12B)	7.7 - 7.9



Galvanised and Stainless Steel Ladder NEMA 2 (16A)	7.10 - 7.11
Galvanised and Stainless Steel Ladder NEMA 2, Bends (16A)	7.12
Galvanised and Stainless Steel Ladder NEMA 2, Tees (16A)	7.12
Galvanised and Stainless Steel Ladder NEMA 2, Risers (16A)	7.13
Galvanised and Stainless Steel Ladder NEMA 2, Crosses (16A)	7.14
Galvanised and Stainless Steel Ladder NEMA 2, Reducers (16A)	7.14 - 7.15
Galvanised and Stainless Steel Ladders NEMA 2, Accessories (16A)	7.16 - 7.17
Galvanised and Stainless Steel Ladder NEMA 3 (20B)	7.18 - 7.19
Galvanised and Stainless Steel Ladder NEMA 3, Bends (20B)	7.20
Galvanised and Stainless Steel Ladder NEMA 3, Tees (20B)	7.20
Galvanised and Stainless Steel Ladder NEMA 3, Risers (20B)	7.21
Galvanised and Stainless Steel Ladder NEMA 3, Crosses (20B)	7.22
Galvanised and Stainless Steel Ladder NEMA 3, Reducers (20B)	7.22 - 7.23
Galvanised and Stainless Steel Ladder NEMA 3, Accessories (20B)	7.24 - 7.26
Galvanised and Stainless Steel Ladder NEMA 4 (20C)	7.27 - 7.28
Galvanised and Stainless Steel Ladder NEMA 4, Bends (20C)	7.29
Galvanised and Stainless Steel Ladder NEMA 4, Tees (20C)	7.29
Galvanised and Stainless Steel Ladder NEMA 4, Risers (20C)	7.30
Galvanised and Stainless Steel Ladder NEMA 4, Crosses (20C)	7.31
Galvanised and Stainless Steel Ladder NEMA 4, Reducers (20C)	7.31 - 7.32
Galvanised and Stainless Steel Ladder NEMA 4, Accessories (20C)	7.33 - 7.34



Fire Rate Ladder - Nema 2 AS/NZ 3013:2005	7.35
Fire Rate Ladder - Nema 3 AS/NZ 3013:2005	7.36

## **8 Aluminium Ladders**

---

Aluminium Ladders NEMA 2 (12/16A)	8.1
Aluminium Ladders NEMA 2, Bends (12/16A)	8.2
Aluminium Ladders NEMA 2, Tees (12/16A)	8.2
Aluminium Ladders NEMA 2, Risers (12/16A)	8.3
Aluminium Ladders NEMA 2, Crosses (12/16A)	8.4
Aluminium Ladders NEMA 2, Reducers (12/16A)	8.4 - 8.5
Aluminium Ladders NEMA 2, Accessories (12/16A)	8.6 - 8.8
Aluminium Ladders NEMA 3 (20A)	8.9
Aluminium Ladders NEMA 3, Bends (20A)	8.10
Aluminium Ladders NEMA 3, Tees (20A)	8.10
Aluminium Ladders NEMA 3, Risers (20A)	8.11
Aluminium Ladders NEMA 3, Crosses (20A)	8.12
Aluminium Ladders NEMA 3, Reducers (20A)	8.12 - 8.13
Aluminium Ladders NEMA 3, Accessories (20A)	8.14 - 8.16
Aluminium Ladders NEMA 4 (20C)	8.17
Aluminium Ladders NEMA 4, Bends (20C)	8.18
Aluminium Ladders NEMA 4, Tees (20C)	8.18
Aluminium Ladders NEMA 4, Risers (20C)	8.19



Aluminium Ladders NEMA 4, Crosses (20C)	8.20
Aluminium Ladders NEMA 4, Reducers (20C)	8.20 - 8.21
Aluminium Ladders NEMA 4, Accessories (20C)	8.22 - 8.24

## **9 Covers**

---

Cable Ladder Flat Covers NEMA 1 (12B)	9.1
Cable Ladder Flat Covers NEMA 2 (16A), NEMA 3 (20B), NEMA 4 (20C)	9.2
Cable Ladder Flat Covers NEMA 2 (16A), NEMA 3 (20B), NEMA 4 (20C) to suit 'Rail In' Ladders in Western Australia	9.3
Cable Ladder Peaked Covers NEMA 1 (12B)	9.4
Cable Ladder Peaked Covers NEMA 2 (16A), NEMA 3 (20B), NEMA 4 (20C)	9.5
Cable Ladder Peaked Covers NEMA 2 (16A), NEMA 3 (20B), NEMA 4 (20C) to suit 'Rail In' Ladders in Western Australia	9.6
Cable Ladder Fitting Covers	9.7 - 9.14

## **10 Hygground**

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Connectors	10.2 - 10.3
Flexible Copper Braids	10.4 - 10.6







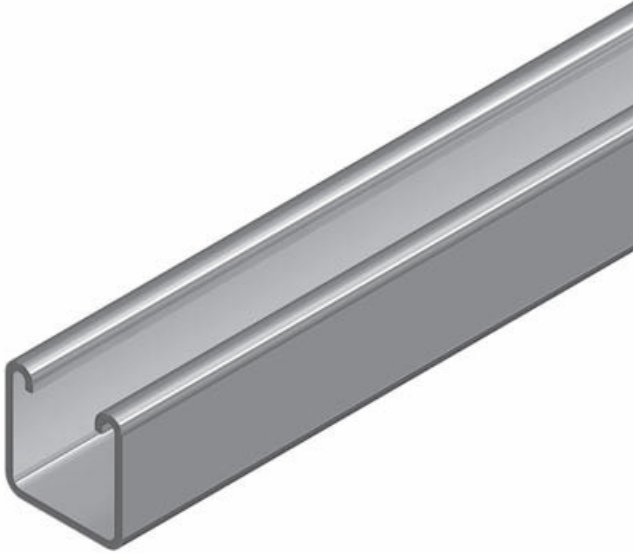
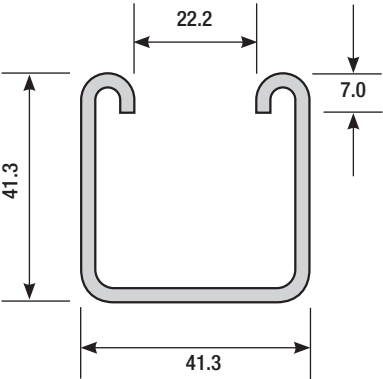
- Material Specification**
- Thickness

2.5 mm (mild steel)

2.5 mm (stainless Steel)
- Length

6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

Available Finish	Ordering Code
Black (untreated)	B1000B
Galvabond	B1000G
Hot Dip Galvanised	B1000H
Stainless Steel	B1000S



Span mm	Max Allowable Load kg	Deflection at Allowable Load mm
250	1308	0.17
500	654	0.68
750	436	1.53
1000	328	2.72
1250	261	4.25
1500	218	6.13
1750	187	8.34
2000	163	10.90
2250	145	13.80
2500	131	17.03
2750	119	20.61
3000	109	24.56

B1000 Channel

15.7 kg per length



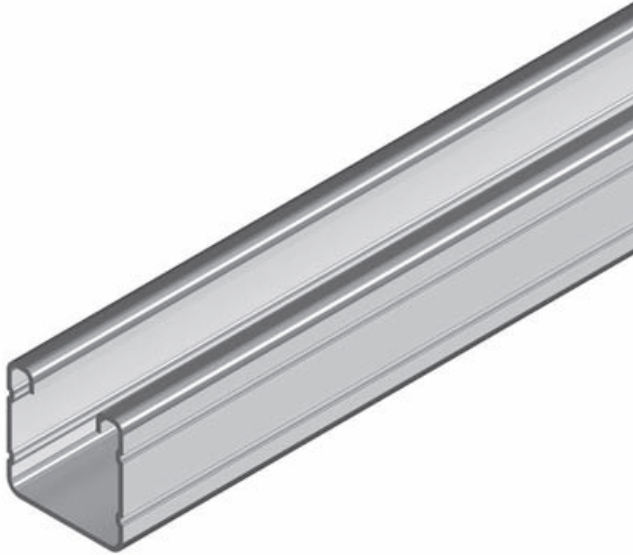
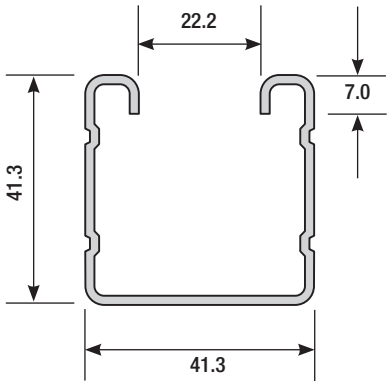
- Material Specification**
- Thickness

1.6 mm

- Length

6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

Available Finish	Ordering Code
Galvabond	B2000G
Hot Dip Galvanised	B2000H



Span mm	Max Allowable Load kg	Deflection at Allowable Load mm
250	945	0.16
500	471	0.65
750	314	1.46
1000	236	2.59
1250	189	4.05
1500	157	5.84
1750	135	7.94
2000	117	10.37
2250	105	13.80
2500	94	16.20
2750	85	19.62
3000	78	23.24



- Material Specification**
- Thickness 2.5 mm (aluminium)
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

**Available Finish**

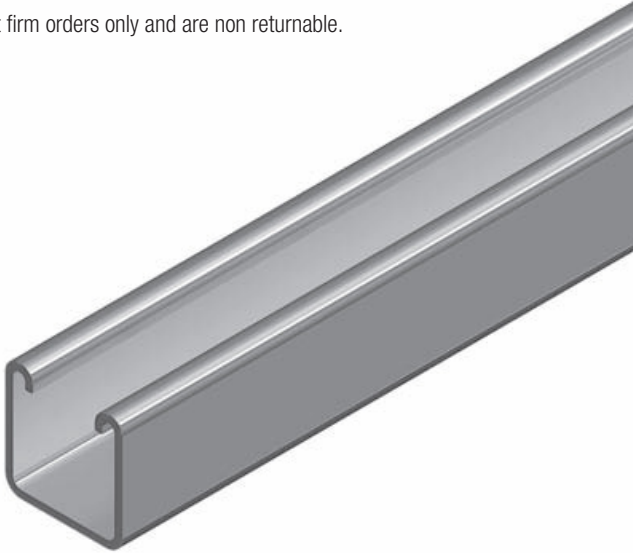
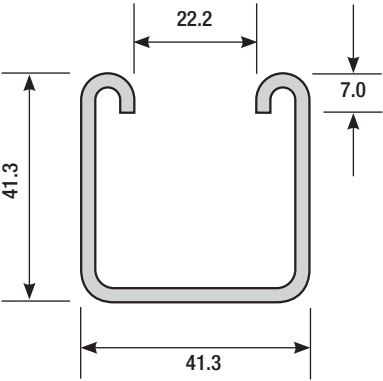
Aluminium

**Ordering Code**

B2000A

**Note**

- Aluminium channels are manufactured against firm orders only and are non returnable.



B2000 Channel - Aluminium

5.5 kg per length

channels

1

nuts & bolts

2

cantilever brackets

3

channel fittings

4

laddertrays

5

cable mesh

6

steel ladders

7

aluminium ladders

8

covers

9

hyground

10

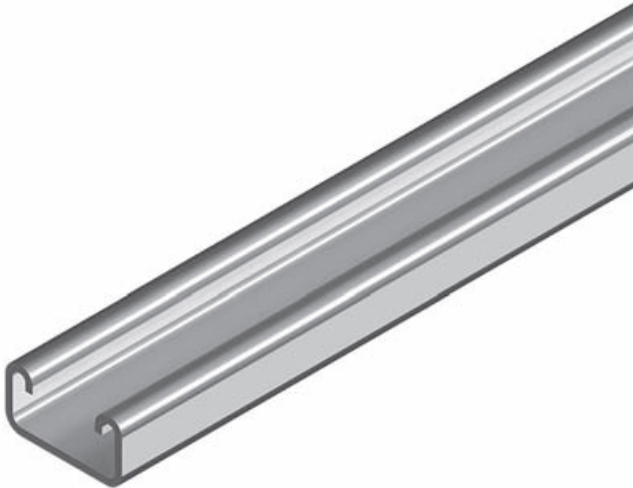
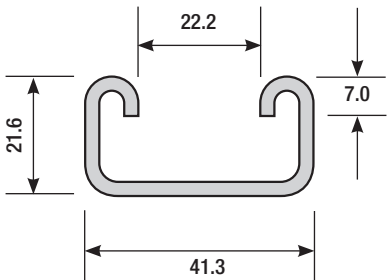


- Material Specification**
- Thickness

2.5 mm (mild steel)  
2.5 mm (stainless Steel)
- Length

6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

Available Finish	Ordering Code
Black (untreated)	B3300B
Galvabond	B3300G
Hot Dip Galvanised	B3300H
Stainless Steel	B3300S



Span mm	Max Allowable Load kg	Deflection at Allowable Load mm
250	442	0.29
500	221	1.17
750	147	2.64
1000	110	4.69
1250	89	7.34
1500	73	10.57
1750	63	14.39
2000	55	18.79
2250	49	23.78
2500	44	29.35
2750	40	35.52
3000	37	43.37



- Material Specification**
- Thickness

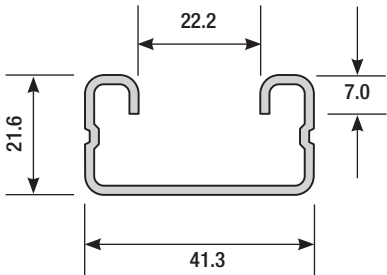
1.6 mm

- Length

6 metres

- Supplied in standard 6 metre lengths.
- Ordering Details**

Available Finish	Ordering Code
Galvabond	B4000G
Hot Dip Galvanised	B4000H



Span mm	Max Allowable Load kg	Deflection at Allowable Load mm
250	350	0.31
500	175	1.22
750	116	2.76
1000	88	4.89
1250	70	7.65
1500	58	11.02
1750	50	15.00
2000	44	19.59
2250	39	24.82
2500	35	30.61
2750	32	37.04
3000	30	44.15

B4000 Channel - Steel

7.6 kg per length

1	channels
2	nuts & bolts
3	cantilever brackets
4	channel fittings
5	laddertrays
6	cable mesh
7	steel ladders
8	aluminium ladders
9	covers
10	hyground



**Material Specification** - Thickness 2.5 mm (aluminium)

- Length 6 metres

**Ordering Details** - Supplied in standard 6 metre lengths.

**Available  
Finish**

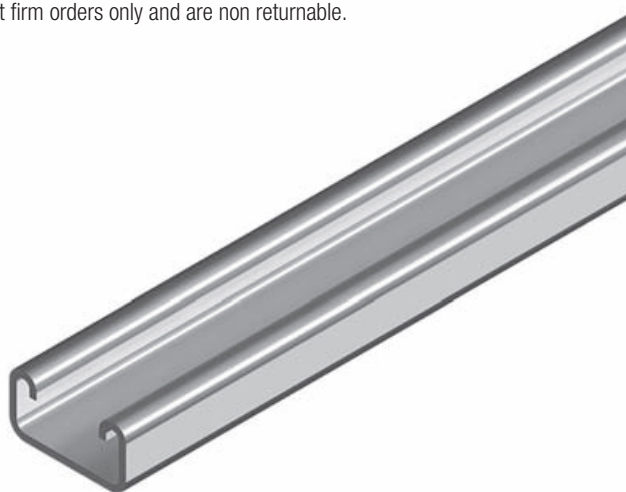
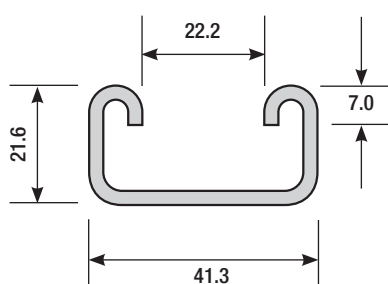
Aluminium

**Ordering  
Code**

B4000A

**Note**

- Aluminium channels are manufactured against firm orders only and are non returnable.



**B4000 Channel - Aluminium**



3.9 kg per length



- Material Specification**
- Thickness

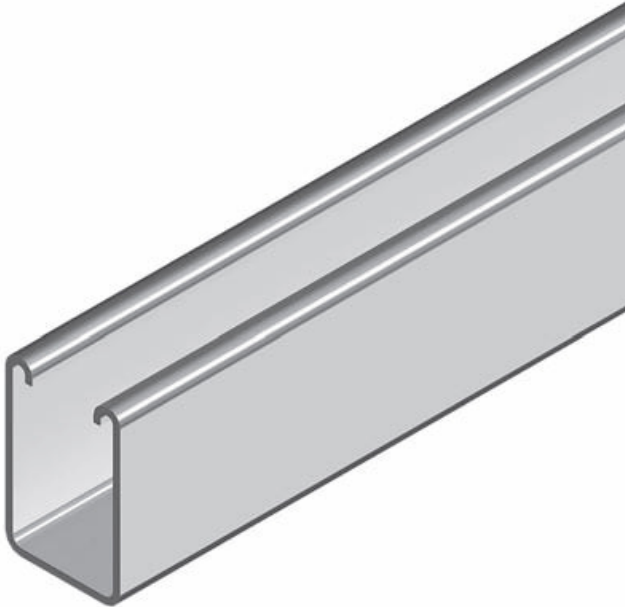
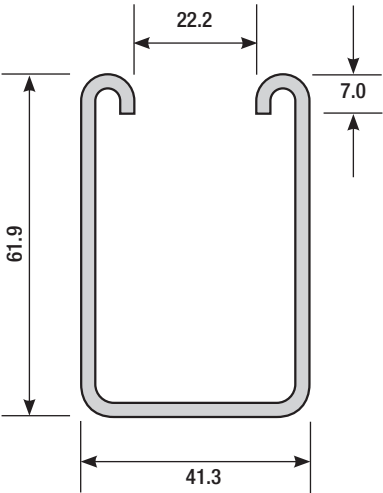
2.5 mm (mild steel).

- Length

6 metres

- Supplied in standard 6 metre lengths.
- Ordering Details**

Available Finish	Ordering Code
Galvabond	B5500G
Hot Dip Galvanised	B5500H



Span mm	Max Allowable Load kg	Deflection at Allowable Load mm
250	2488	0.11
500	1244	0.45
750	830	1.02
1000	622	1.81
1250	498	2.82
1500	414	4.06
1750	255	5.54
2000	311	7.23
2250	276	9.16
2500	249	11.30
2750	226	13.68
3000	207	16.28

B5500 Channel

20.4 kg per length



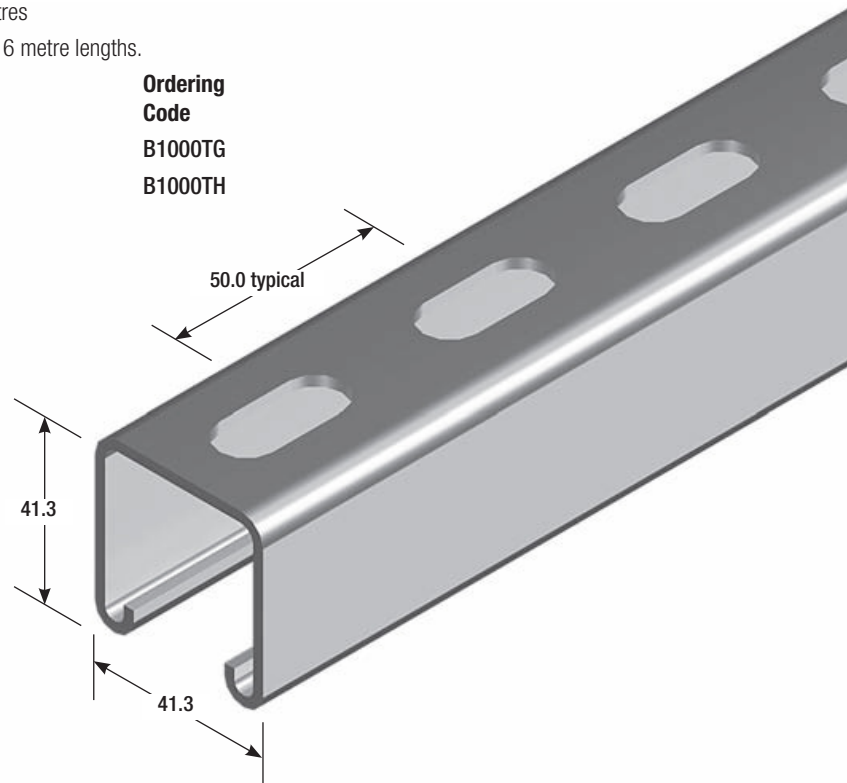
- Material Specification**
- Thickness 2.5 mm (mild steel)
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

**Available  
Finish**

Galvabond  
Hot Dip Galvanised

**Ordering  
Code**

B1000TG  
B1000TH



**B1000T Slotted Channel**

13.9 kg per length

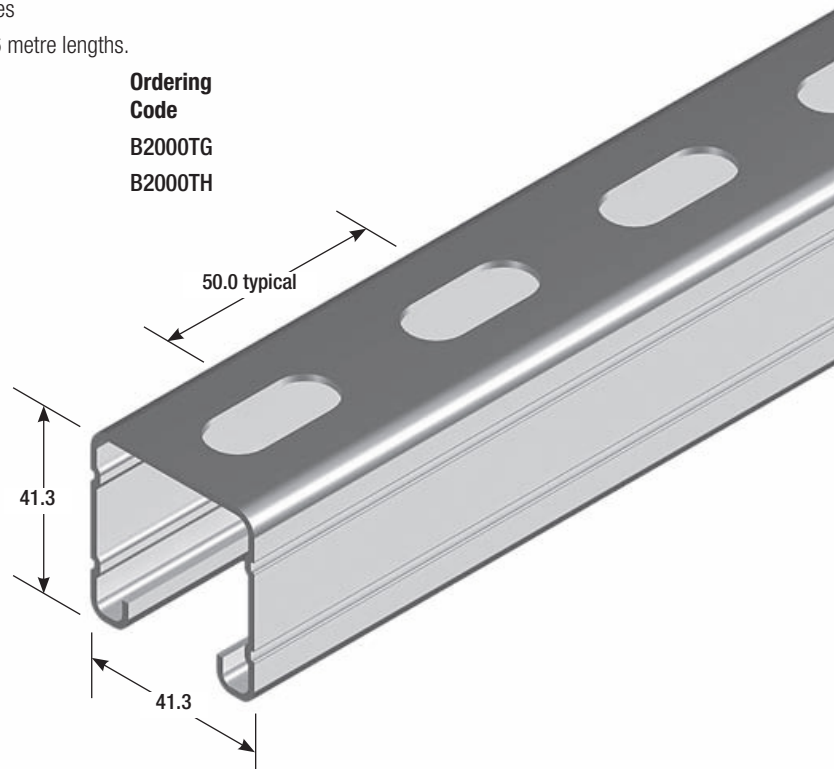
- Material Specification**
- Thickness 1.6 mm
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

**Available  
Finish**

Galvabond  
Hot Dip Galvanised

**Ordering  
Code**

B2000TG  
B2000TH



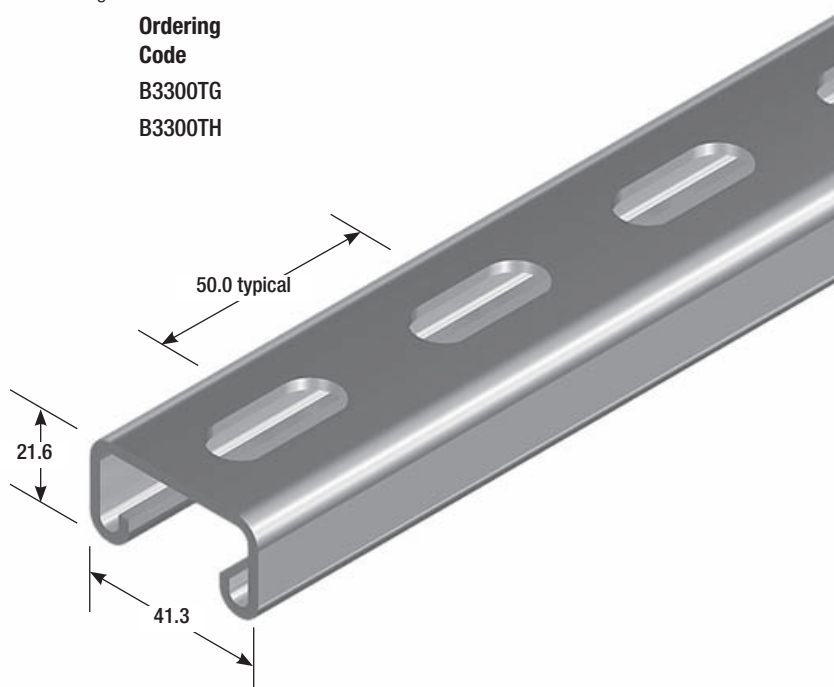
**B2000T Slotted Channel**

10.5 kg per length



- Material Specification**
- Thickness 2.5 mm
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

Available Finish	Ordering Code
Galvabond	B3300TG
Hot Dip Galvanised	B3300TH

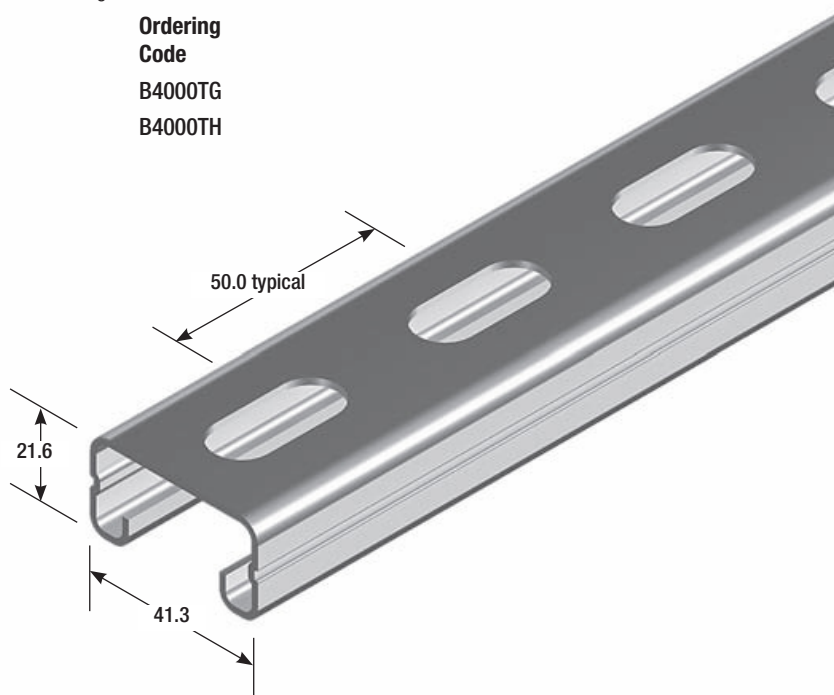


**B3300T Slotted Channel**

9.3 kg per length

- Material Specification**
- Thickness 1.6 mm
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

Available Finish	Ordering Code
Galvabond	B4000TG
Hot Dip Galvanised	B4000TH



**B4000T Slotted Channel**

7.3 kg per length



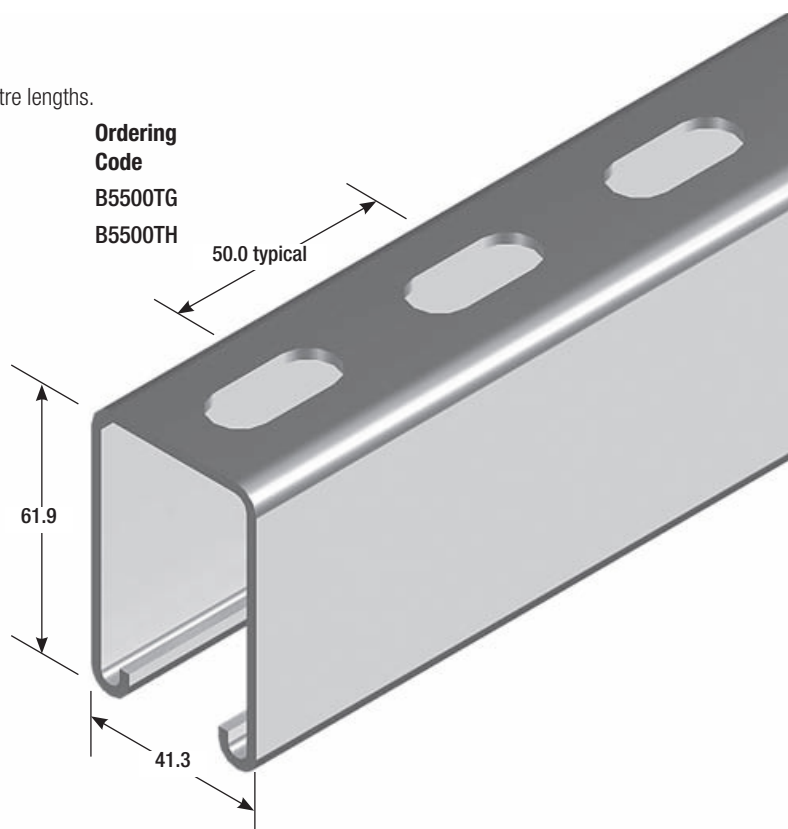
- Material Specification**
- Thickness 2.5 mm
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

**Available  
Finish**

Galvabond  
Hot Dip Galvanised

**Ordering  
Code**

B5500TG  
B5500TH



**B5500T Slotted Channel**

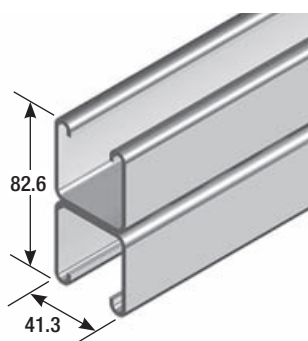
18.7 kg per length



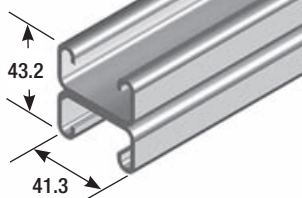
- Material Specification**
- Thickness see below
  - Length 6 metres
- Ordering Details**
- Supplied in standard 6 metre lengths.

Available Finish	Code
Galvabond	G
Hot Dip Galvanised	H

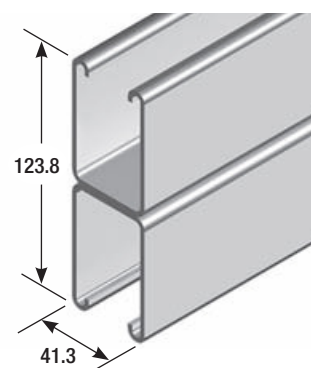
**Note** - All products are manufactured against firm orders only. They are non returnable and the order cannot be cancelled once manufacturing has commenced.



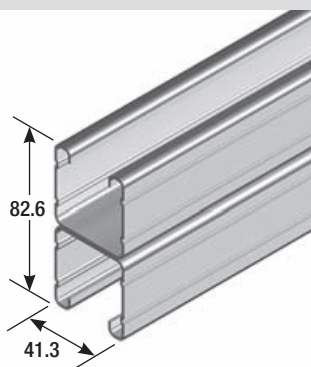
**B1001** Wt 31.4 kg/length



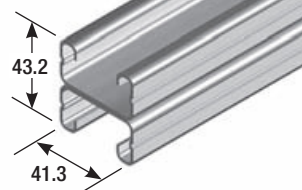
**B3301** Wt 21.8 kg/length



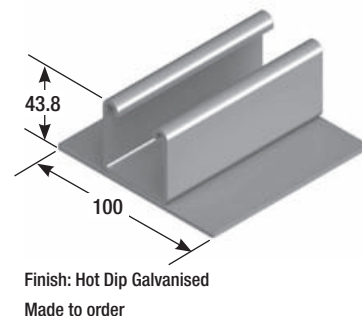
**B5501** Wt 40.8 kg/length



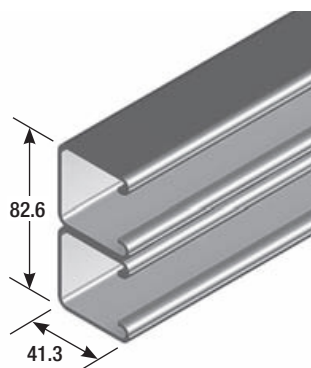
**B2001** Wt 21.6 kg/length



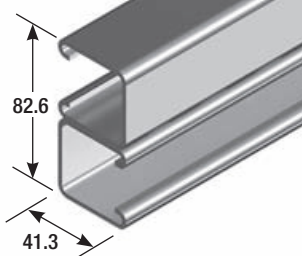
**B4001** Wt 15.2 kg/length



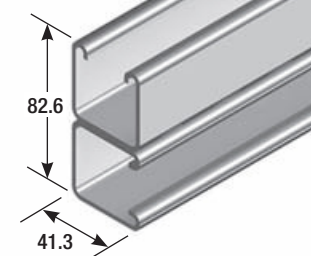
**B1003H** Wt 27.3 kg/length



**B1001A** Wt 31.4 kg/length



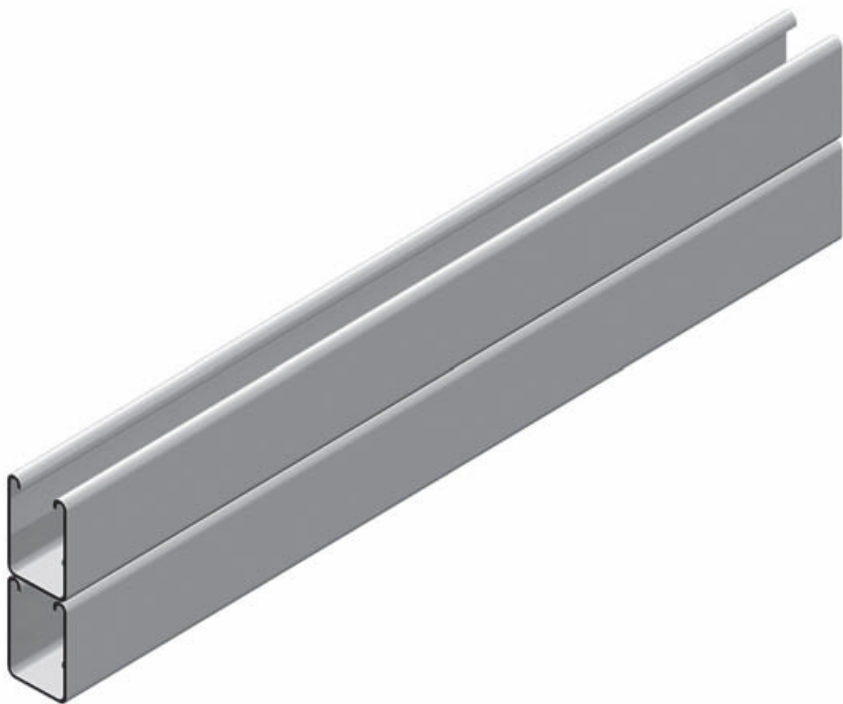
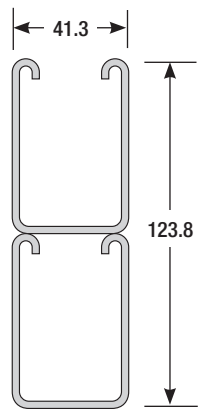
**B1001B** Wt 31.4 kg/length



**B1001C** Wt 31.4 kg/length



**Material Specification** - 2.5 mm material

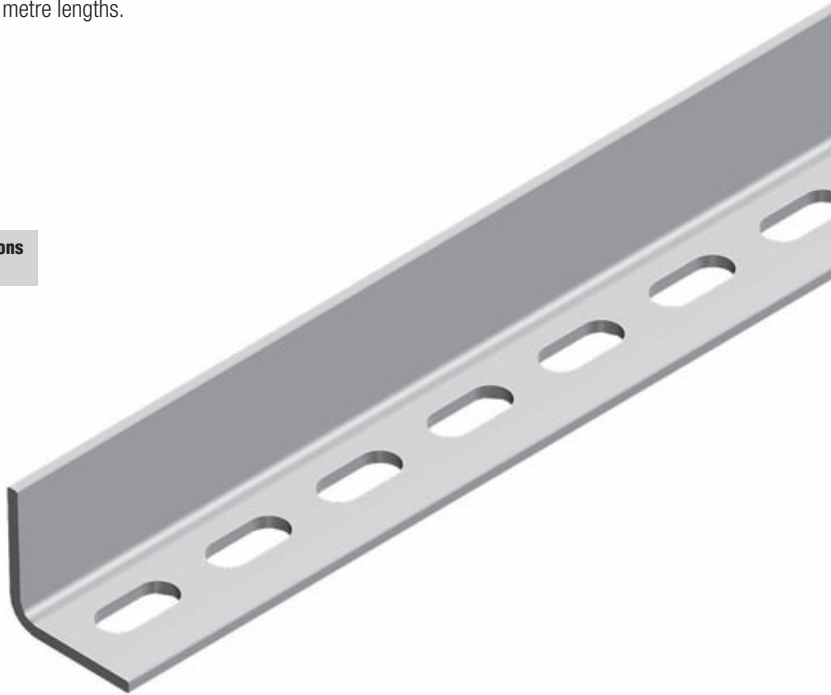


**B5500FRSH Back to Front Fire Rated Support Channels**

▶ 40.8 kg per length

- Material Specification** - Length 3 metres
- Ordering Details** - Supplied in standard 3 metre lengths.
- Available Finish** - Duragal

Ordering Code	Dimensions mm	Slot Dimensions mm
SA3030H	30 x 30 x 2.5	11 x 18
SA5050H	50 x 50 x 4.5	14 x 30



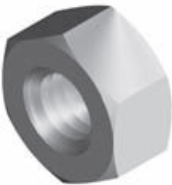
**SA Slotted Angle**





Thread Diameter	Thread Length mm	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	20	HS620Z	HS620H	HS620S
	25	HS625Z	HS625H	HS625S
	30	HS630Z	HS630H	HS630S
	40	HS640Z	HS640H	HS640S
M8	20	HS820Z	HS820H	HS820S
	25	HS825Z	HS825H	HS825S
	30	HS830Z	HS830H	HS830S
	40	HS840Z	HS840H	HS840S
M10	20	HS1020Z	HS1020H	HS1020S
	25	HS1025Z	HS1025H	HS1025S
	30	HS1030Z	HS1030H	HS1030S
	40	HS1040Z	HS1040H	HS1040S
M12	25	HS1225Z	HS1225H	HS1225S
	30	HS1230Z	HS1230H	HS1230S
	40	HS1240Z	HS1240H	HS1240S
	50	HS1250Z	HS1250H	HS1250S

Hex Screw



Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	HN6Z	HN6H	HN6S
M8	HN8Z	HN8H	HN8S
M10	HN10Z	HN10H	HN10S
M12	HN12Z	HN12H	HN12S
M16	HN16Z	HN16H	HN16S

Hex Nut



Thread Diameter	Thread Length mm	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	16	PS616Z	–	–
	20	PS620Z	PS620H	PS620S
	25	PS625Z	PS625H	PS625S
	30	PS630Z	PS630H	PS630S

Pan Screw

1	channels
2	nuts & bolts
3	cantilever brackets
4	channel fittings
5	laddertrays
6	cable mesh
7	steel ladders
8	aluminium ladders
9	covers
10	hyground





Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	FW6Z	FW6H	FW6S
M8	FW8Z	FW8H	FW8S
M10	FW10Z	FW10H	FW10S
M12	FW12Z	FW12H	FW12S
M16	FW16Z	FW16H	FW16S

**Flat Washer**



Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	SW6Z	SW6H	SW6S
M8	SW8Z	SW8H	SW8S
M10	SW10Z	SW10H	SW10S
M12	SW12Z	SW12H	SW12S
M16	SW16Z	SW16H	SW16S

**Spring Washer**



Thread Diameter	Zinc Plated	Hot Dip Galvanised
M6	MW6Z	MW6H
M8	MW8Z	MW8H
M10	MW10Z	MW10H
M12	MW12Z	MW12H

**Mudguard Washer**



Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	TR6Z	–	–
M8	TR8Z	–	–
M10	TR10Z	TR10H	TR10S
M12	TR12Z	TR12H	TR12S
M16	TR16Z	TR16H	TR16S

Standard length: 3.0 metres.

**Threaded Rod**





Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	RC6Z	–	–
M8	RC8Z	–	–
M10	RC10Z	RC10H	RC10S
M12	RC12Z	RC12H	RC12S
M16	RC16Z	RC16H	RC16S

Rod Coupler



Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	B3006Z	B3006H	B3006S
M8	B3007Z	B3007H	B3007S
M10	B3008Z	B3008H	B3008S
M12	B3010Z	B3010H	B3010S

Fits all channel sections.

Channel Nut without Spring



Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	B1006Z	B1006H	B1006S
M8	B1007Z	B1007H	B1007S
M10	B1008Z	B1008H	B1008S
M12	B1010Z	B1010H	B1010S

To fit all 41 mm high channels.

Channel Nut with Long Spring

1 channels

2 nuts & bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

8 aluminium ladders

9 covers

10 hyground





To fit all 21 mm high channels.

Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	<b>B4006Z</b>	<b>B4006H</b>	<b>B4006S</b>
M8	<b>B4007Z</b>	<b>B4007H</b>	<b>B4007S</b>
M10	<b>B4008Z</b>	<b>B4008H</b>	<b>B4008S</b>
M12	<b>B4010Z</b>	<b>B4010H</b>	<b>B4010S</b>

Channel Type	Nut Type	Pullout kN	Slip kN	Torque Nm
B1000	B1006	7.3	2.7	9
	B1007	10.1	5.2	22
	B1008	16.5	8.7	44
	B1010	16.5	12.9	77
B2000	B1006	4.8	1.1	9
	B1007	5.0	4.0	22
	B1008	10.8	7.1	37
	B1010	10.8	6.7	37
B3300	B4006	7.3	2.7	9
	B4007	10.1	5.2	22
	B4008	16.5	8.7	37
	B4010	16.5	12.9	37
B4000	B4006	4.8	1.1	9
	B4007	5.0	4.0	22
	B4008	10.8	7.1	37
	B4010	10.8	6.7	37

Note: Slip and Pullout ratings are based on using grade 8.8 screws. Please refer to our channel nut load data sheet for dimensions.

### Channel Nut with Short Spring





Fits all channel sections.

Channel Nut without Spring

Thread Diameter	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	B3016Z	B3016H	B3016S



Thread Diameter	Thread Length mm	Zinc Plated
M6	35	DB635Z
M8	40	DB840Z
M10	40	DB1040Z
M10	60	DB1060Z
M12	60	DB1260Z
M12	75	DB1275Z

Sleeve Anchor

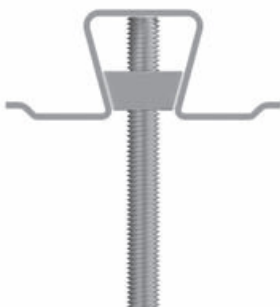


Thread Diameter	Anchor	Set In Tool
M6	DI6Z	ST6Z
M8	DI8Z	ST8Z
M10	DI10Z	ST10Z
M12	DI12Z	ST12Z

Drop In Anchor



Ordering Code: **WN10Z**  
Note: Suits M10 Allthread.



Wedge Nut



### Vertical Hanger M10 for metal



Ordering Code: **VH10Z**  
(suitable for metal)

**Note:** Also available in 6 mm, 8 mm  
and 12 mm.

### Vertical Hanger M10 for concrete



Ordering Code: **VH10CZ**  
(suitable for concrete)

**Note:** Also available in 6 mm, 8 mm  
and 12 mm.

### Vertical Hanger M10 for wood



Ordering Code: **VH10WZ**  
(suitable for wood)

**Note:** Also available in 6 mm, 8 mm  
and 12 mm.

## Rod Hanger-Vertical

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### Side Hanger M10

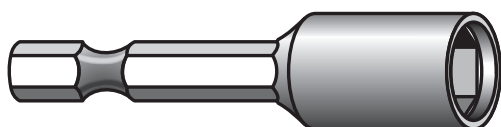


Ordering Code: **SH10Z**

**Note:** Also available in 6 mm, 8 mm and 12 mm.

## Rod Hanger-Side

---



Ordering Code: **VH10SD** (suitable for wood or steel - ZP); colour red  
**VH10CD** (suitable for concrete - ZP); colour blue

**Note:** Also available in 6 mm, 8 mm and 12 mm.

## Vertigo Socket Driver

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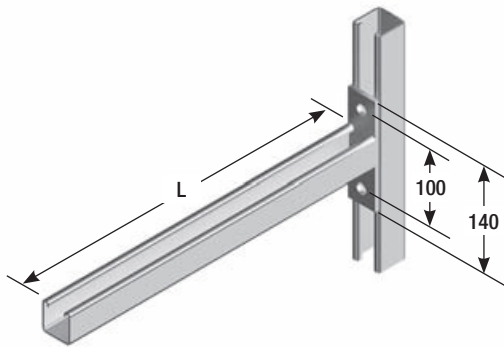
**Material Specification** - Thickness 2.5mm

**Available Finish** - Hot Dip Galvanised

- Stainless Steel

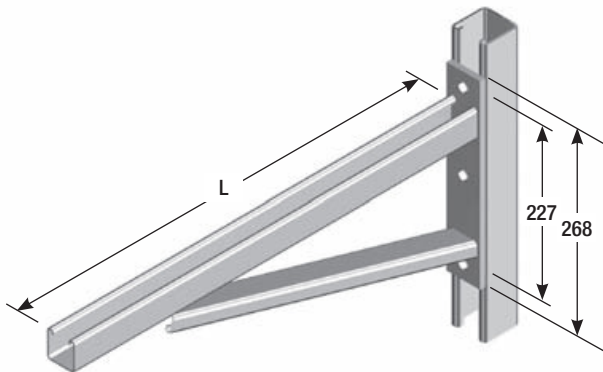
**Note** - Stainless Steel products are manufactured against firm orders only. They are non returnable and the order cannot be cancelled once manufacturing has commenced.

- Load Capacities are based on the application of a uniformly distributed load.



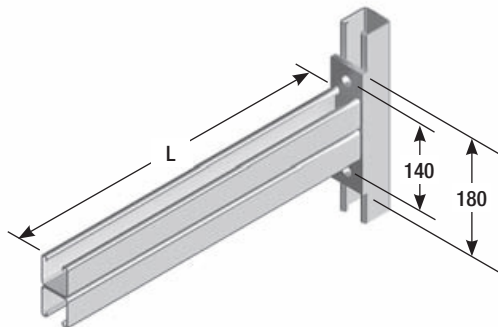
Ordering Code	Length L	Load Capacity kg
CL150	150	320
CL300	300	260
CL450	450	171
CL600	600	116
CL750	750	102

**Cantilever Bracket CL**



Ordering Code	Length L	Load Capacity kg
CLB320	320	445
CLB470	470	376
CLB635	635	338
CLB780	780	279

**Cantilever Bracket CLB**



Ordering Code	Length L	Load Capacity kg
CLD300	300	780
CLD450	450	550
CLD600	600	410
CLD750	750	330
CLD900	900	280

**Cantilever Bracket CLD**

1 channels

2 nuts & bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

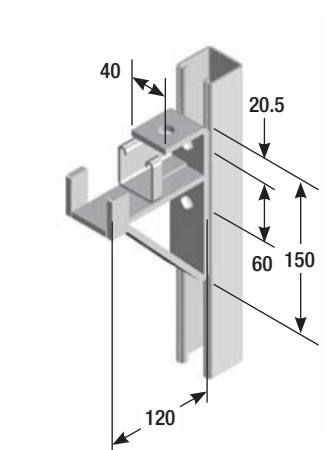
7 steel ladders

8 aluminium ladders

9 covers

10 hyground

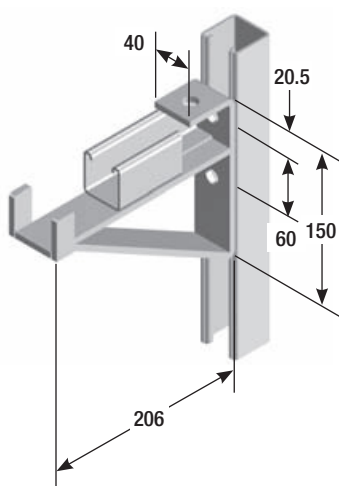




<b>Available Finish</b>	- Hot Dip Galvanised
<b>Channel</b>	- B1000
<b>Hole Diameters</b>	- 14 mm

Two fasteners are required for assembly. Order separately.  
 1 x HS1225, 1 x B1010H  
 Not available in stainless steel

### B10754H



<b>Available Finish</b>	- Hot Dip Galvanised
<b>Channel</b>	- B1000
<b>Hole Diameters</b>	- 14 mm

Two fasteners are required for assembly. Order separately.  
 1 x HS1225, 1 x B1010H  
 Not available in stainless steel

### B10758H



Surface Finish

Available Finish

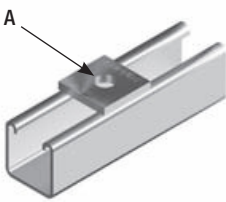
Hot Dip Galvanised  
Stainless Steel

Code

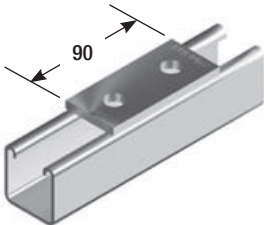
H  
S

Note

- Stainless steel products are manufactured against firm orders only and are non returnable.

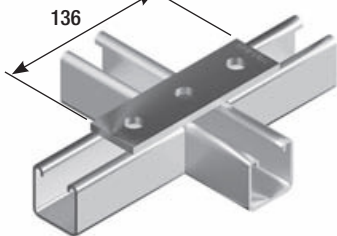
	Ordering Code	A	Wt/kg
	B1062	M8	0.071
	B1063	M10	0.065
	B1064	M12	0.064
	B1964	M16	0.064

B1062 to B1964



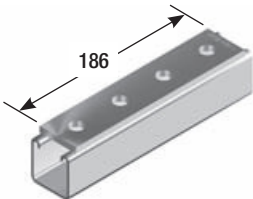
B1065

Wt 0.16 kg



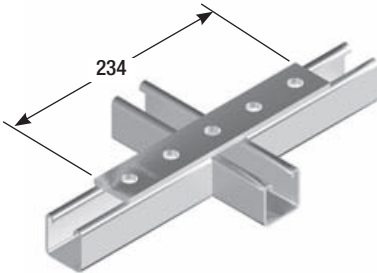
B1066

Wt 0.24 kg



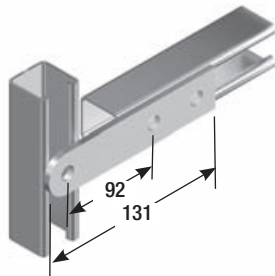
B1067

Wt 0.32 kg



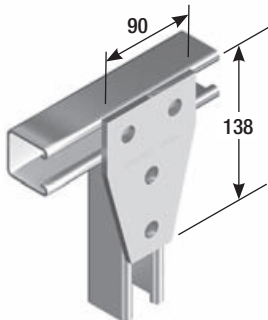
B1941

Wt 0.43 kg



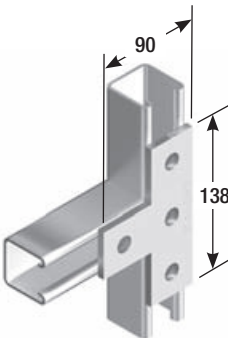
B2324

Wt 0.34 kg



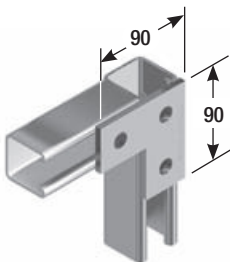
B1358

Wt 0.48 kg



B1031

Wt 0.34 kg



B1036

Wt 0.25 kg



**Surface Finish**

**Available Finish**

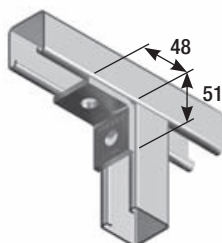
Hot Dip Galvanised  
Stainless Steel

**Code**

H  
S

**Note**

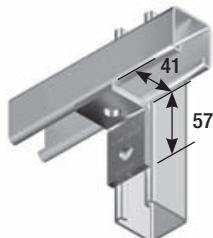
- Stainless steel products are manufactured against firm orders only and are non returnable.



**B1026**



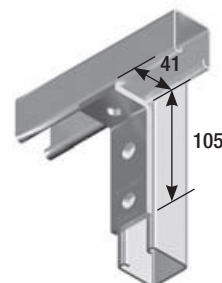
Wt 0.17 kg



**B1068**



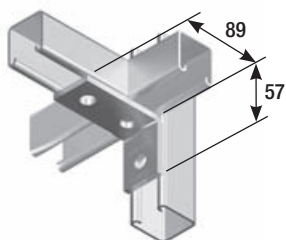
Wt 0.17 kg



**B1326**



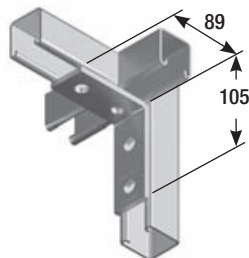
Wt 0.24 kg



**B1458**



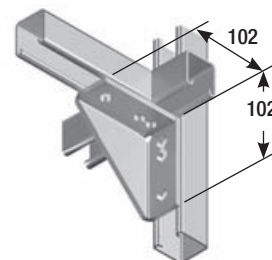
Wt 0.24 kg



**B1325**



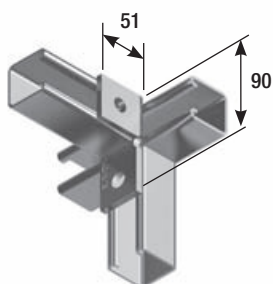
Wt 0.33 kg



**B2484**



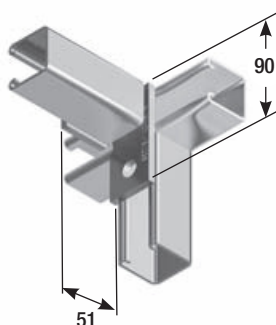
Wt 0.61 kg



**B1037**



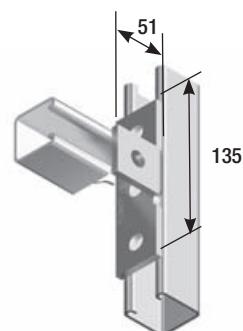
Wt 0.25 kg



**B1038**



Wt 0.25 kg



**B1033**



Wt 0.32 kg



Surface Finish

Available Finish

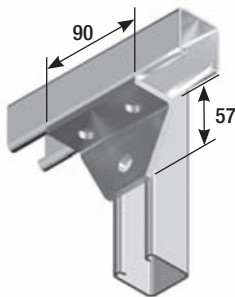
Hot Dip Galvanised  
Stainless Steel

Code

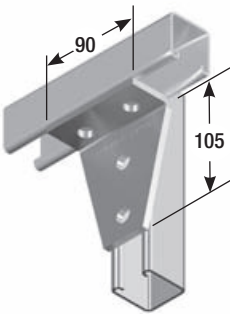
H  
S

Note

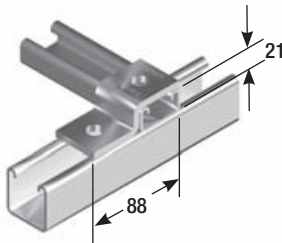
- Stainless steel products are manufactured against firm orders only and are non returnable.



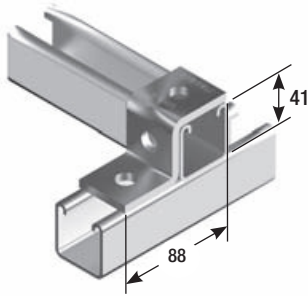
**B1357** Wt 0.33 kg



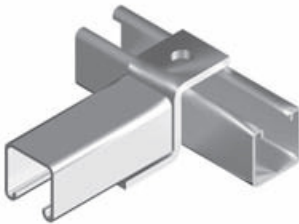
**B1359** Wt 0.48 kg



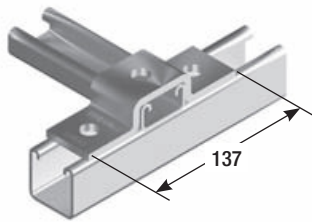
**B4045** Wt 0.25 kg



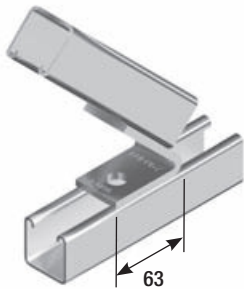
**B1045** Wt 0.24 kg



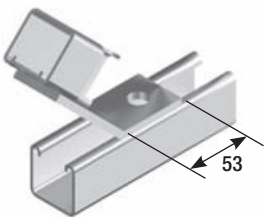
**B1347** Wt 0.24 kg



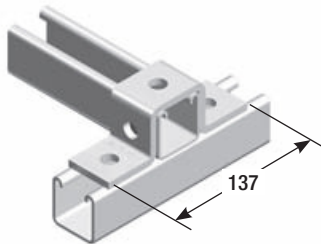
**B4047** Wt 0.30 kg



**B1186** Wt 0.26 kg



**B1546** Wt 0.26 kg



**B1047** Wt 0.33 kg



**Surface Finish**

**Available Finish**

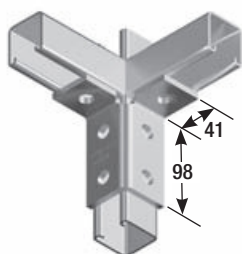
Hot Dip Galvanised  
Stainless Steel

**Code**

H  
S

**Note**

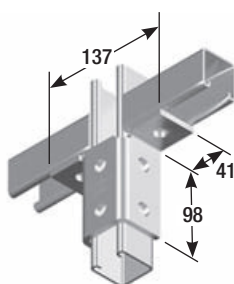
- Stainless steel products are manufactured against firm orders only and are non returnable.



**B2224**



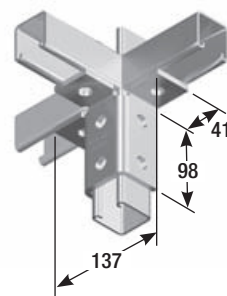
Wt 0.55 kg



**B2346**



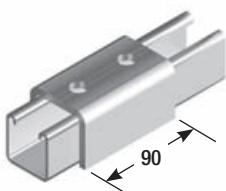
Wt 0.67 kg



**B2228**



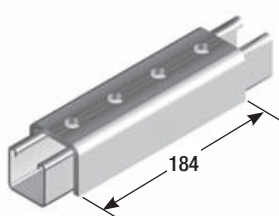
Wt 0.85 kg



**B1376**



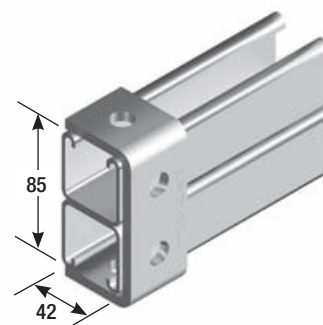
Wt 0.56 kg



**B1377**



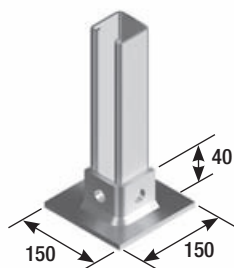
Wt 1.15 kg



**B1044**



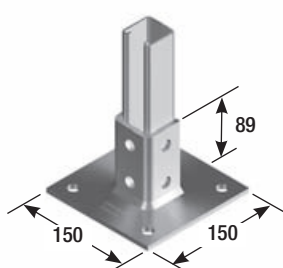
Wt 0.30 kg



**B2072S1**



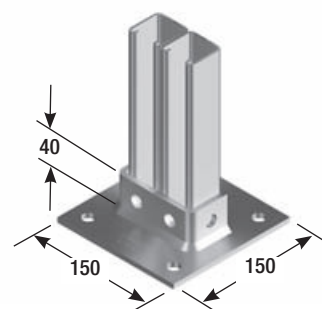
Wt 0.65 kg



**B2072A**



Wt 1.64 kg



**B2073**



Wt 1.40 kg



Surface Finish

Available Finish

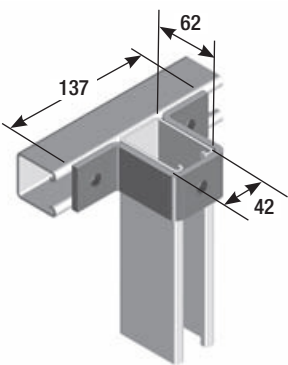
Code

Hot Dip Galvanised  
Stainless Steel

H  
S

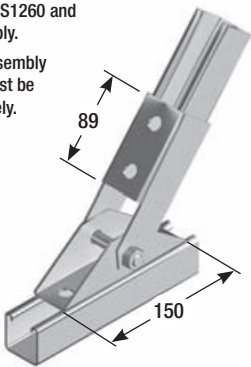
Note

- Stainless steel products are manufactured against firm orders only and are non returnable.



B5547H

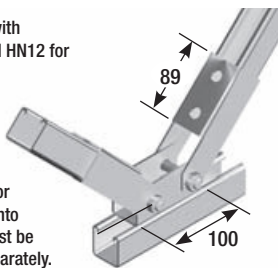
Packaged with HS1260 and HN12 for assembly.  
Fasteners for assembly onto channel must be ordered separately.  
4 x B1010  
4 x HS1225



B2815

Wt 1.39 kg

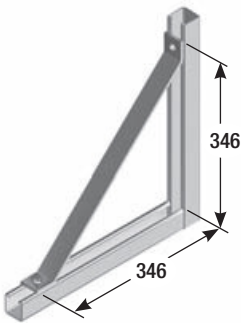
Packaged with HS1260 and HN12 for assembly.  
Fasteners for assembly onto channel must be ordered separately.



4 x B1010  
4 x HS1225

B2815D

Wt 2.27 kg



B2452

Wt 0.72 kg

1 channels

2 nuts & bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

8 aluminium ladders

9 covers

10 hyground



Surface Finish	Available Finish	Code
	Hot Dip Galvanised	H
	Stainless Steel	S

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.
- Load rating is applicable only if load bearing capacity of supporting element is adequate.

Note: Must be used in pairs.



Load per pair 4.50 kN

**B1271**  Wt 0.43 kg

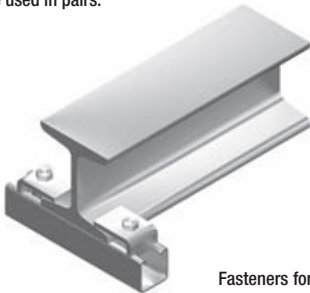
Note: Must be used in pairs.



Load per pair 3.92 kN

**B1272**  Wt 0.18 kg

Note: Must be used in pairs.



Fasteners for assembly must be ordered separately.

1 x B1010
1 x HS1225

Strut Channel	Load per Pair kN
B1000	5.3
B2000	3.92

**B1386**  Wt 0.12 kg



Surface Finish	Available Finish	Code
	Hot Dip Galvanised	H
	Stainless Steel	S

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.
- Load rating is applicable only if load bearing capacity of supporting element is adequate.

Note: Must be used in pairs.




Part Number	Strut Channels	Load per Pair kN
B1796	B1000 B2000	4.3

**B1796**  Wt 0.49 kg

Note: Must be used in pairs.



Part Number	Strut Channels	Load per Pair kN
B2785	B1000 B2000 B3300 B4000	8.82

**B2785**  Wt 0.41 kg

Note: Must be used in pairs.



Part Number	Strut Channels	Load per Pair kN
B2786	B1001 B2001 B5500	8.82

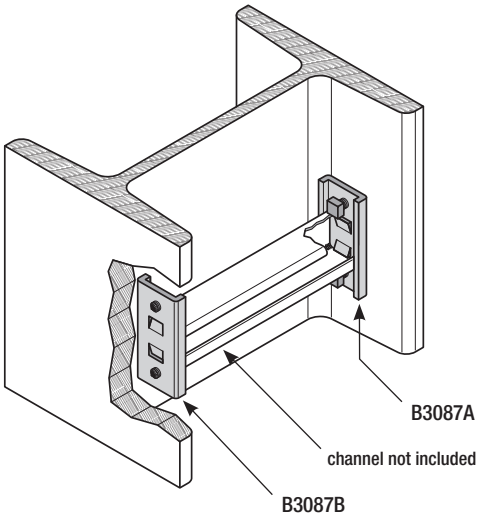
**B2786**  Wt 0.46 kg



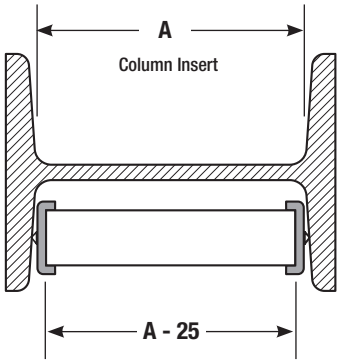
Surface Finish	Available Finish	Code
	Hot Dip Galvanised	H
	Stainless Steel	S

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.
- Load rating is applicable only if load bearing capacity of supporting element is adequate.



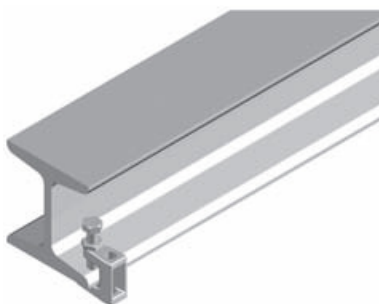
Strut Channel	Pullout Load per Pair kN	Slip Load per Pair kN
B1000	4.41	3.53
B2000	2.11	1.32



**B3087**

Wt 0.62 kg

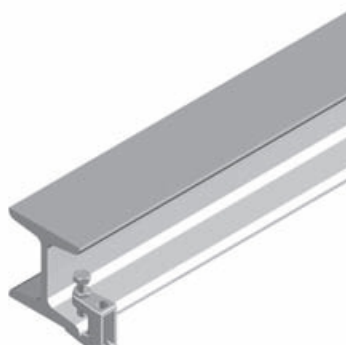




Suits M10 threaded rod.

**BC10H**

Wt: 0.18 kg



Suits M12 threaded rod.

**BC12H**

Wt: 0.25 kg



Available in zinc plated finish only.  
Suits M10 threaded rod only.

**PC10Z**

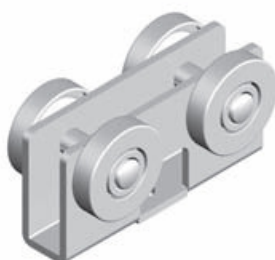
Wt: 0.05 kg



Available in zinc plated finish only.

**B2749**

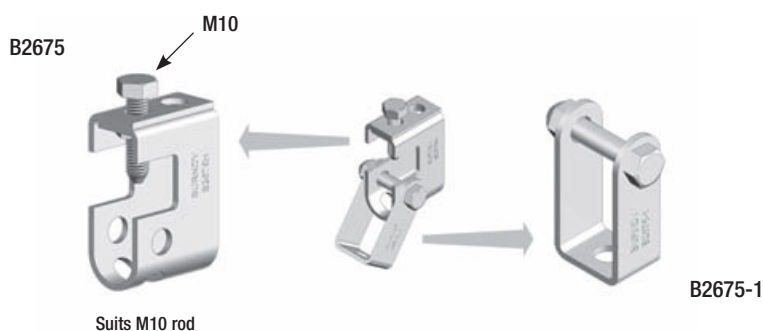
Wt: 0.44 kg



Available in zinc plated finish only.

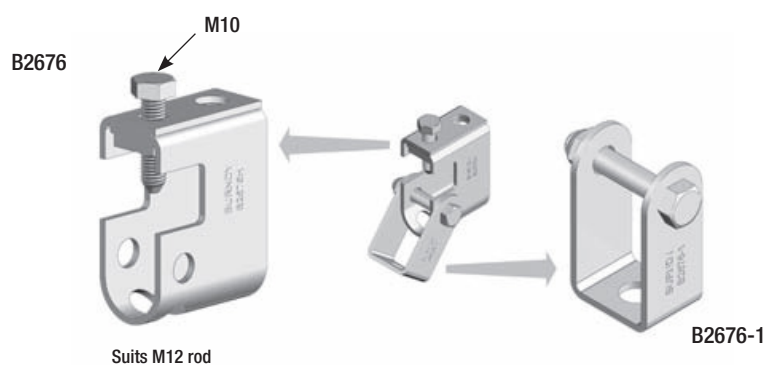
**B2750**

Wt: 0.23 kg



**B2675 and B2675-1**

Wt: 0.19 kg



**B2676 and B2676-1**

Wt: 0.26 kg

1 channels

2 nuts & bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

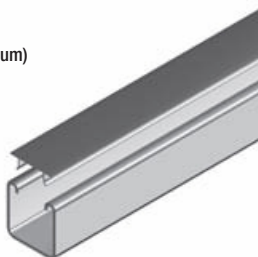
8 aluminium ladders

9 covers

10 hyground

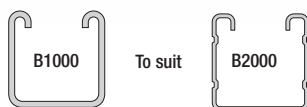
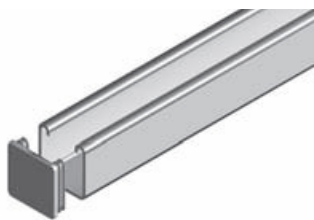


B1184P (grey)  
B1184W (white)  
B1184A (aluminium)

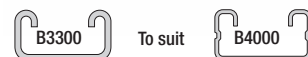


Sold in three metre lengths.

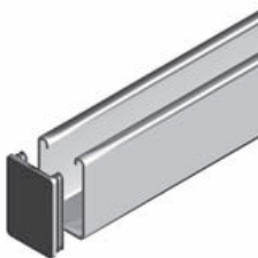
**B1184**



**B2240**

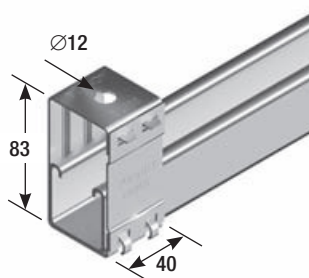


**B3380**



Suits B5500 channel.

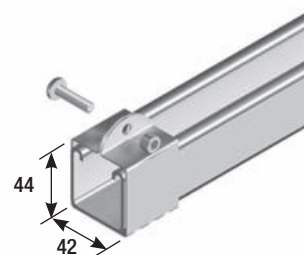
**B5580**



Hole diameter to suit M10 threaded rod.

**B2855**

Wt 0.18 kg

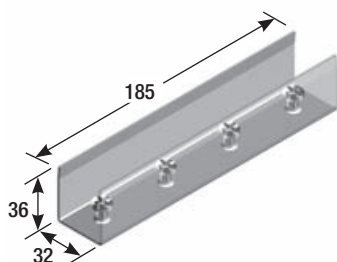


Supplied complete with PS625 and HN6 for assembly.

**B2539**

Wt 0.11 kg

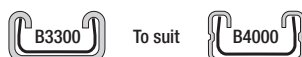
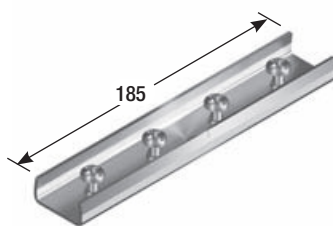
**Internal Channel Joiner**



**B922J**

Wt 0.28 kg

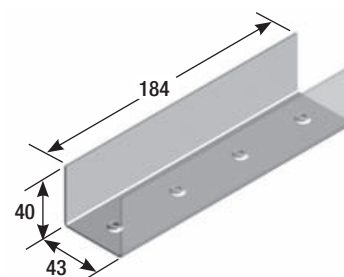
**Internal Channel Joiner**



**B422J**

Wt 0.18 kg

**External Channel Joiner**



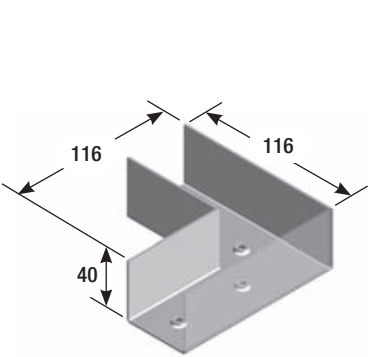
Order fasteners separately; 4 x B3016Z  
4 x CS616Z

**B2377Z**

Wt 0.28 kg



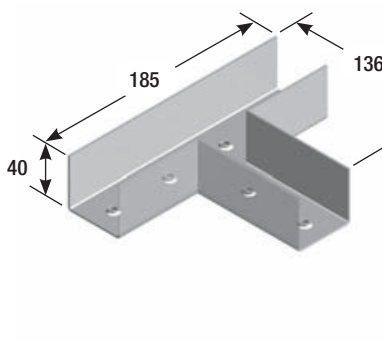
Joiner Box - Two Way



Finish: Zinc plated  
Order fasteners separately; 4 x B3016Z  
4 x CS616Z

**B1220B**      Wt 0.40 kg

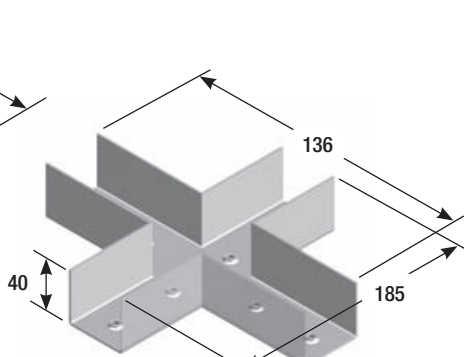
Joiner Box - Two Way



Finish: Zinc plated  
Order fasteners separately; 6 x B3016Z  
6 x CS616Z

**B1221T**      Wt 0.46 kg

Joiner Box - Two Way



Finish: Zinc plated  
Order fasteners separately; 8 x B3016Z  
8 x CS616Z

**B1222C**      Wt 0.57 kg

channels

nuts & bolts

cantilever brackets

channel fittings

laddertrays

cable mesh

steel ladders

aluminium ladders

covers

hyground

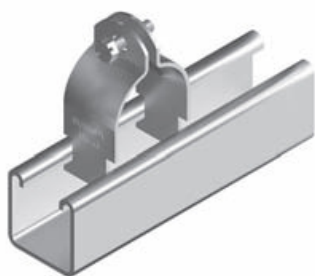


**Available Finish**

- Hot Dip Galvanised
- Stainless Steel

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.



Supplied complete with screw

**B5 Cable and Pipe Clamps**



Sold in 20 metre rolls

**B2600 Isolation Strip**

Product Code	Generic Reference	weight kg
B58	2024	0.04
B511	2025	0.04
B514	2026	0.04
B517	2027	0.04
B519	2028	0.05
B521	2029	0.05
B525	2030	0.05
B527	—	0.05
B529	2031	0.07
B532	2032	0.07
B534	2033	0.08
B538	2034	0.08
B543	2035	0.09
B548	2037	0.12
B551	2038	0.12
B554	2039	0.13
B557	2040	0.13
B560	2041	0.14
B564	2042	0.14
B567	2043	0.15
B570	2044	0.15
B573	2045	0.16
B576	2046	0.16
B579	2047	0.17

**H** Hot Dip Galvanised  
**S** Stainless Steel

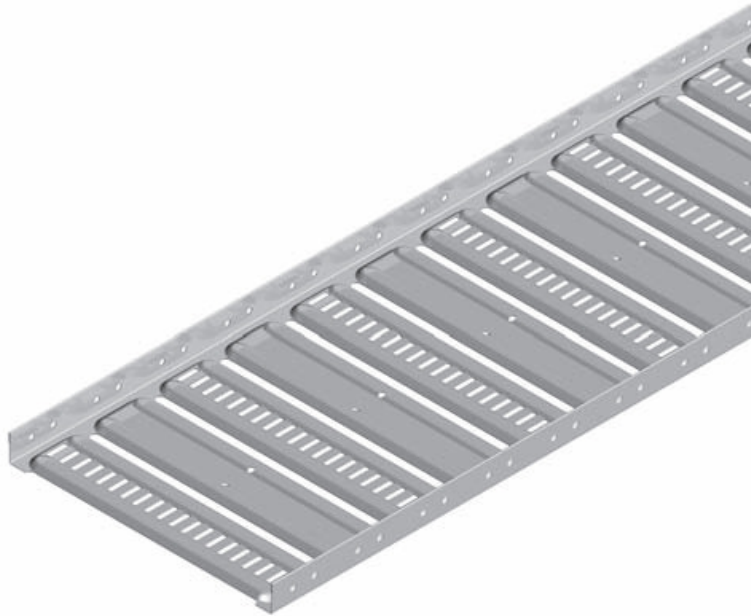
Product Code	Generic Reference	weight kg
B583	2048	0.17
B586	2049	0.18
B589	2050	0.18
B592	2051	0.19
B595	2052	0.19
B598	2053	0.20
B5102	2054	0.21
B5105	2055	0.21
B5108	2056	0.21
B5111	2057	0.22
B5114	2058	0.22
B5117	2059	0.23
B5121	2060	0.23
B5127	2062	0.24
B5133	2064	0.25
B5140	2066	0.27
B5146	2068	0.28
B5152	2070	0.28
B5160	2070-62	0.30
B5165	2070-64	0.31
B5171	2070-66	0.32
B5178	2070-70	0.33
B5191	2070-74	0.35
B5203	2070-80	0.37

**H** Hot Dip Galvanised  
**S** Stainless Steel



Specifications	- Standard Length 3.0 metres.	
	- Overall height 30 mm	
	- Cable laying depth 24 mm	
Surface Finish	Available Finish	Code
	Galvabond	G
Note	- Aluminium products are manufactured against firm orders only and are non returnable.	

Cable Laying Width mm	Galvabond	Overall Width mm
75	LT175G	77
100	LT1100G	102
150	LT1150G	152
225	LT1225G	227
300	LT1300G	302



LT1 Laddertray



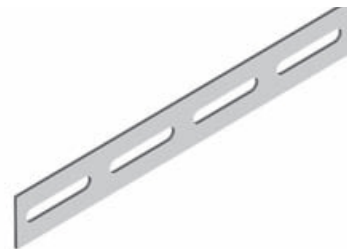
Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN6Z) for assembly.  
Ordering Code: WIZ x 2 (PS610Z & FN6Z)

LT1SG



Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN6Z) for assembly.  
Ordering Code: WIZ x 4 (PS610Z & FN6Z)

LT1RLG



Standard Length: 1.0 metre  
Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN6Z) for assembly.  
Ordering Code: WIZ x 10 (PS610Z & FN6Z)

LT1RPG



## Specifications

- Standard Length 3.0 metres.
- Overall height 50 mm
- Cable laying depth 40 mm

## Surface Finish

### Available Finish

Galvabond

Hot Dip Galvanised

Aluminium

### Code

G

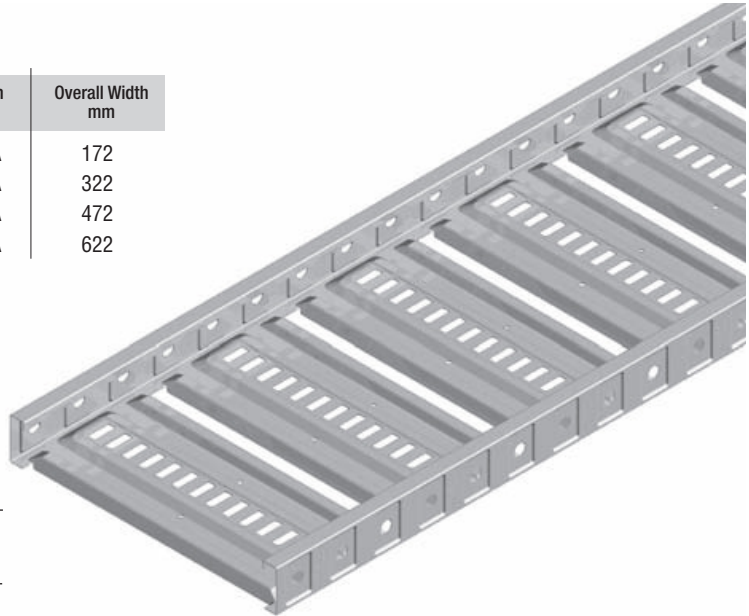
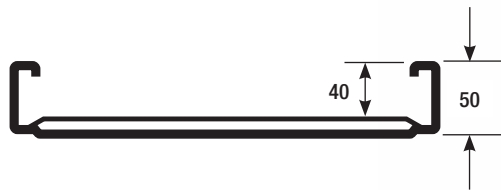
H

A

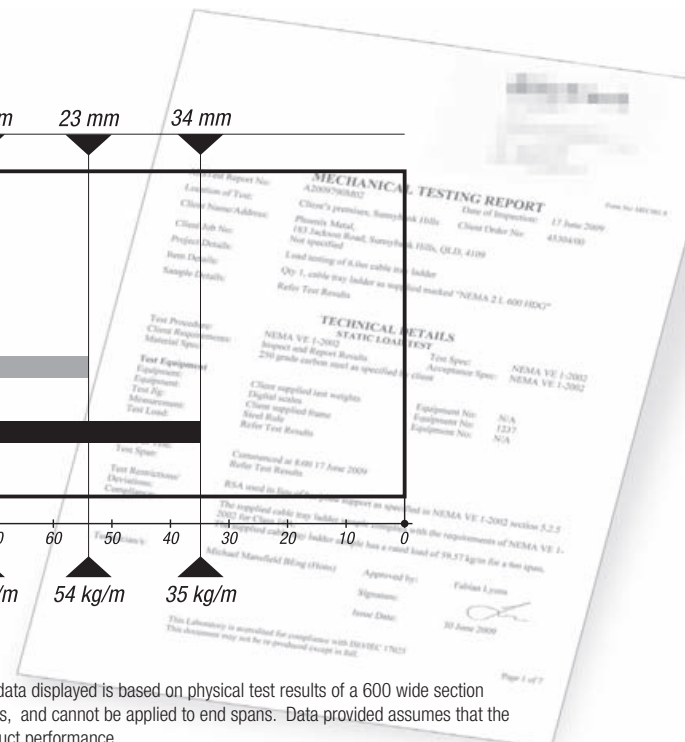
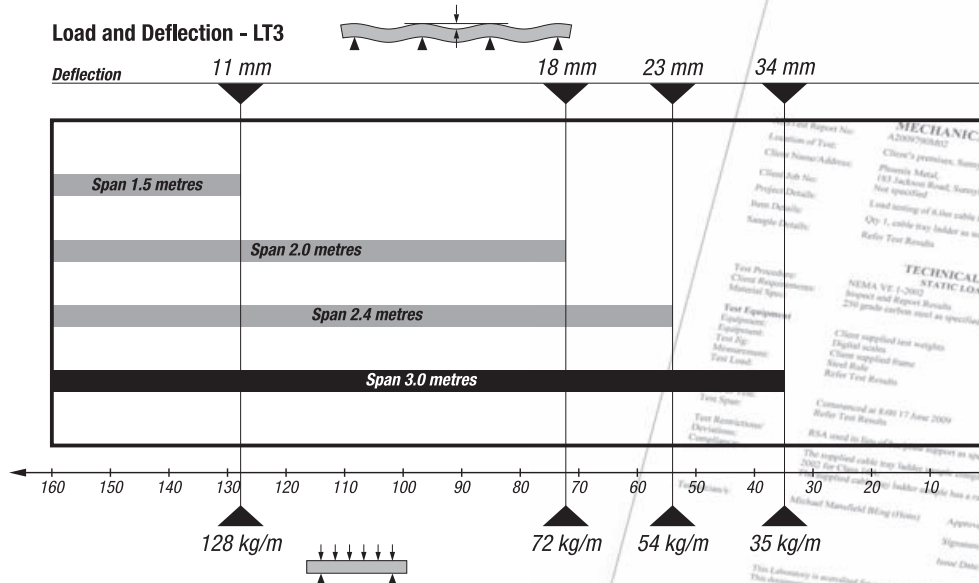
## Note

- Aluminium products are manufactured against firm orders only and are non returnable.

Cable Laying Width mm	Galvabond	Hot Dip Galvanised	ALuminium	Overall Width mm
150	LT3150G	LT3150H	LT3150A	172
300	LT3300G	LT3300H	LT3300A	322
450	LT3450G	LT3450H	LT3450A	472
600	LT3600G	LT3600H	LT3600A	622



## LT3 Laddertray



LT3 has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2. Non compliance may affect the overall product performance.



Surface Finish

Available  
Finish

Code

Galvabond

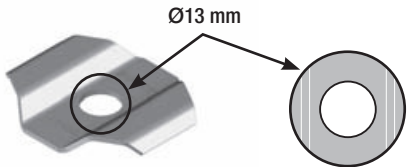
G

Hot Dip Galvanised

H

Note

- Hot Dip Galvanised products are manufactured against firm orders only.  
Minimum production quantities may apply.

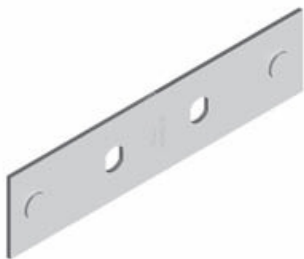


Burndy Centre Hold Down Clamp can be used in place of traditional Hold Down Clamps to reduce the overall trapeze width.

Order fasteners separately for installation.

1 x HS1020, 1 x B1008

LTCHD



2 Splices required per length of tray.

Order fasteners separately for installation (per splice plate)

2 x LTBOLT, 2 x LTNUT

LT3S



Order fasteners separately for installation

1 x HS1025, 1 x B1008

LT3HD



6 Riser Links required to perform a 90 degree set.

Order fasteners separately for installation (per riser link)

2 x LTBOLT, 2 x LTNUT

LT3RL

channels

nuts & bolts

cantilever  
brackets

channel  
fittings

laddertrays

cable mesh

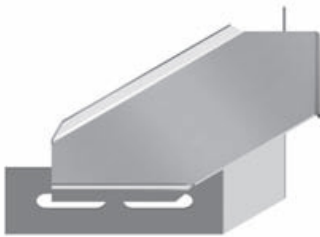
steel  
ladders

aluminium  
ladders

covers

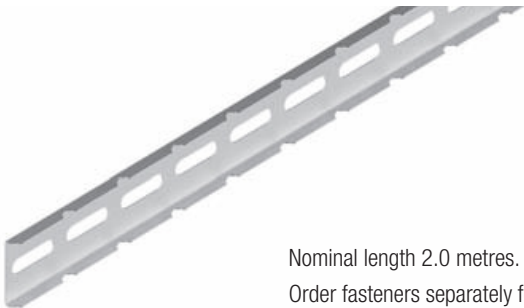
hyground





2 TX Brackets required to make a tee, and 4 required to make a cross.  
Order fasteners separately for installation (per TX Bracket)  
4 x LTBOLT, 4 x LTNUT

**LT3TXH**



Nominal length 2.0 metres.  
Order fasteners separately for installation.

Approximate Length Required to Make a 150 Radius Bend

Tray Size	Length Required metres	Fasteners Required
LT3150	0.7	6
LT3300	0.9	6
LT3450	1.2	8
LT3600	1.4	8

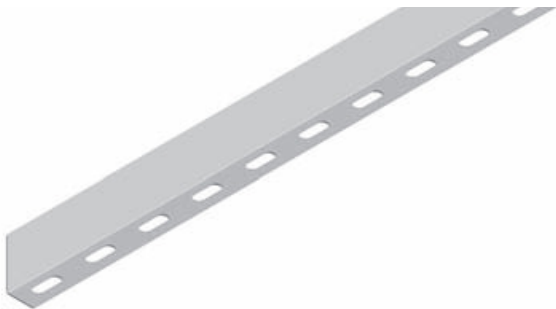
**LT3RP**



Surface Finish	Available Finish	Code
	Zinc Plated	LTNUT / LTBOLT
	Hot Dip Galvanised	LTNUTH / LTBOLTH

Both items are ordered separately.  
Splice Bolts have a smooth head to eliminate the risk of sheathing the cable during installation.  
Special counterbore nuts ensure that correct tension is achieved during installation.

**LTNUT and LTBOLT**



Standard Finish	Galvabond. Can also be supplied in Hot Dip Galvanised finish against firm orders.
Length	3.0 metres.
Note	Order B3016 and PS620 separately for installation.

**DSLT3 (Divider Strip to suit LT3 Laddertray)**



**Specifications**

- Standard Length 3.0 metres.
- Overall height 85 mm
- Cable laying depth 75 mm

**Surface Finish**

**Available Finish**

Galvabond

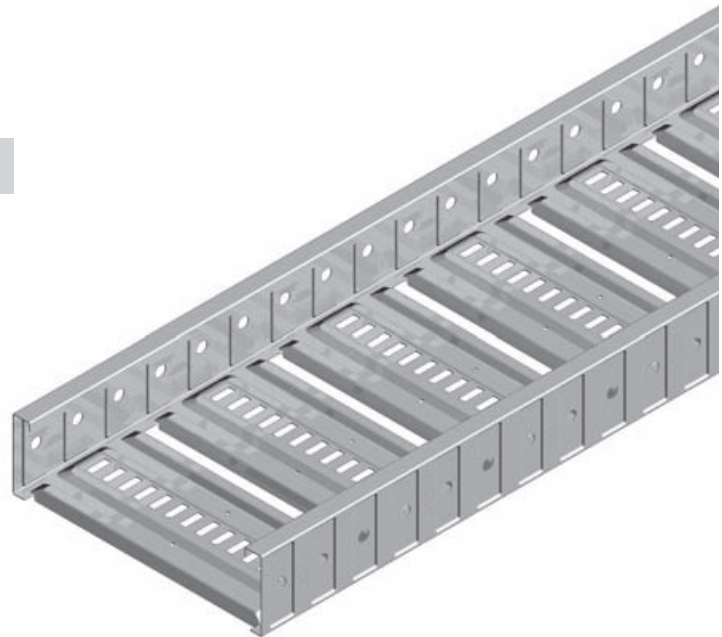
Hot Dip Galvanised

**Code**

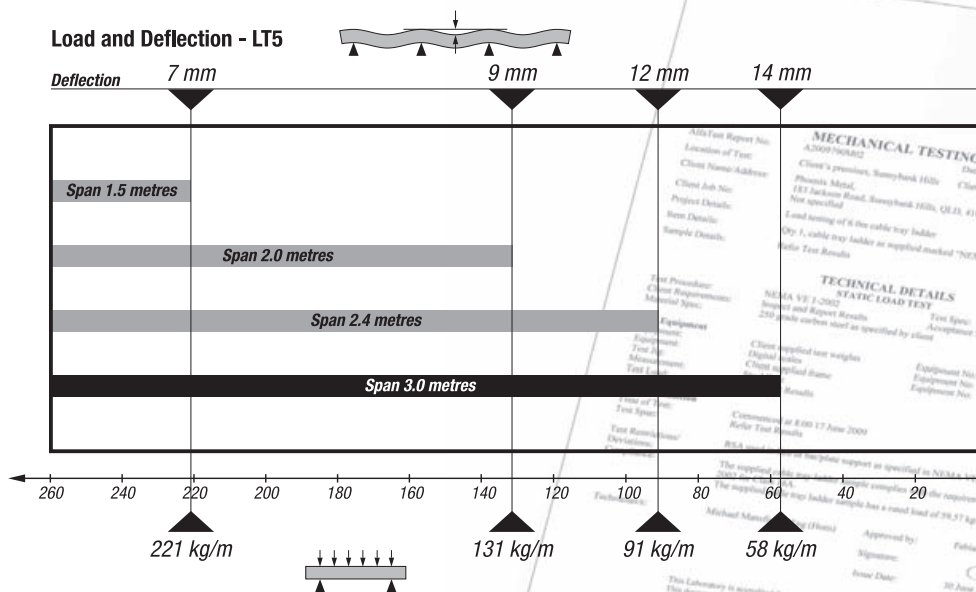
G

H

Cable Laying Width mm	Ordering Code		Overall Width mm
	Galvabond	Hot Dip Galvanised	
150	<b>LT5150G</b>	<b>LT5150H</b>	172
300	<b>LT5300G</b>	<b>LT5300H</b>	322
450	<b>LT5450G</b>	<b>LT5450H</b>	472
600	<b>LT5600G</b>	<b>LT5600H</b>	622



**LT5 Laddertray**



LT5 has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2. Non compliance may affect the overall product performance.



Surface Finish	Available Finish	Code
	Galvabond	G
	Hot Dip Galvanised	H
<b>Note</b>	- Hot Dip Galvanised products are manufactured against firm orders only. Minimum production quantities may apply.	



2 Splices required per length of tray.  
Order fasteners separately for installation  
(per splice plate)  
2 x LTBOLT, 2 x LTNUT

**LT5S**



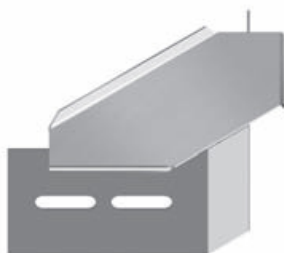
Order fasteners separately for installation  
1 x HS1025, 1 x B1008

**LT5HD**



6 Riser Links required to perform a 90 degree set.  
Order fasteners separately for installation (per riser link)  
2 x LTBOLT, 2 x LTNUT

**LT5RL**



2 TX Brackets required to make a tee, and 4 required to make a cross.  
Order fasteners separately for installation (per TX Bracket)  
4 x LTBOLT, 4 x LTNUT

**LT5TX**



Surface Finish

Available Finish

Code

Galvabond

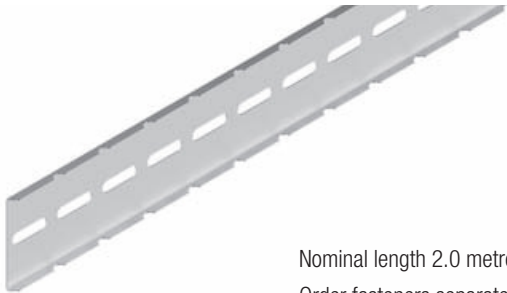
G

Hot Dip Galvanised

H

Note

- Hot Dip Galvanised products are manufactured against firm orders only.  
Minimum production quantities may apply.



Nominal length 2.0 metres.  
Order fasteners separately for installation.

Approximate Length Required to Make a 150 Radius Bend

Tray Size	Length Required metres	Fasteners Required
LT5150	0.7	6
LT5300	0.9	6
LT5450	1.2	8
LT5600	1.4	8

LT5RP



Surface Finish

Available Finish

Code

Zinc Plated

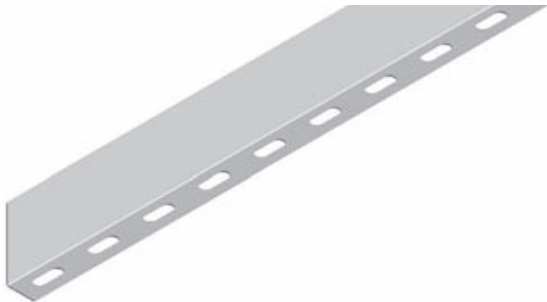
LTNUT / LTBOLT

Hot Dip Galvanised

LTNUTH / LTBOLTH

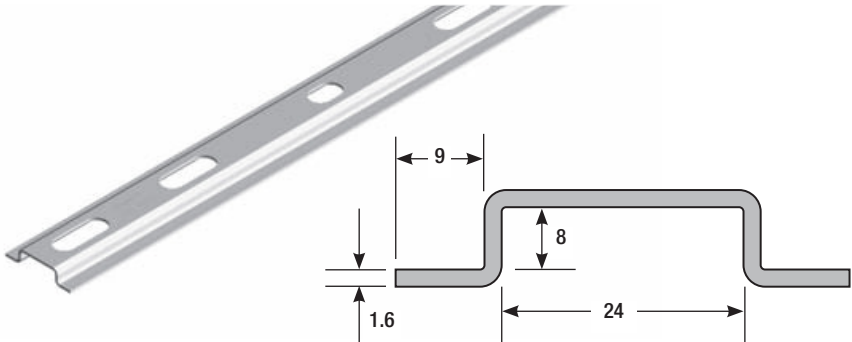
Both items are ordered separately.  
Splice Bolts have a smooth head to eliminate the risk of sheathing the cable during installation.  
Special counterbore nuts ensure that correct tension is achieved during installation.

LTNUT and LTBOLT



Standard Finish Galvabond. Can also be supplied in Hot Dip Galvanised finish against firm orders.  
Length 3.0 metres.  
Note Order B3016 and PS620 separately for installation.

DSL5 (Divider Strip to suit LT5 Laddertray)



Ordering Code	Length mm
LTTS150	250
LTTS300	400
LTTS450	550
LTTS600	700

LTTS (Trapeze Supports to Suit LT3 and LT5)



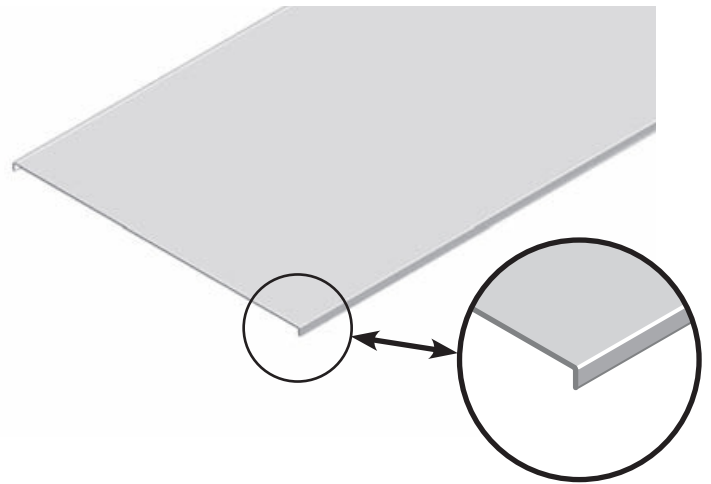
**Specifications**

- Standard Finish: Galvabond
- Standard Length: 3.0 metres.

**Note**

- Hot Dip Galvanised Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.
- Covers are designed to suit the Burndy Ladder Tray as well as the Cable Mesh Trays.

	Ordering Code	Nominal Width mm	Internal Width mm
Galvanised	CFLT150G	150	175
	CFLT300G	300	325
	CFLT450G	450	475
	CFLT500G	500	525
	CFLT600G	600	625
Hot Dip Galvanised	CFLT150H	150	175
	CFLT300H	300	325
	CFLT450H	450	475
	CFLT500H	500	525
	CFLT600H	600	625

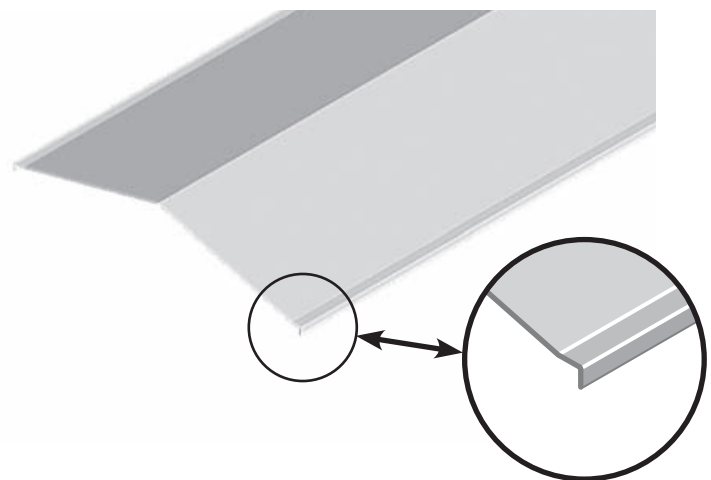

**Laddertray LT3/LT5 - Flat Cover**
**Specifications**

- Standard Length 3.0 metres.

**Note**

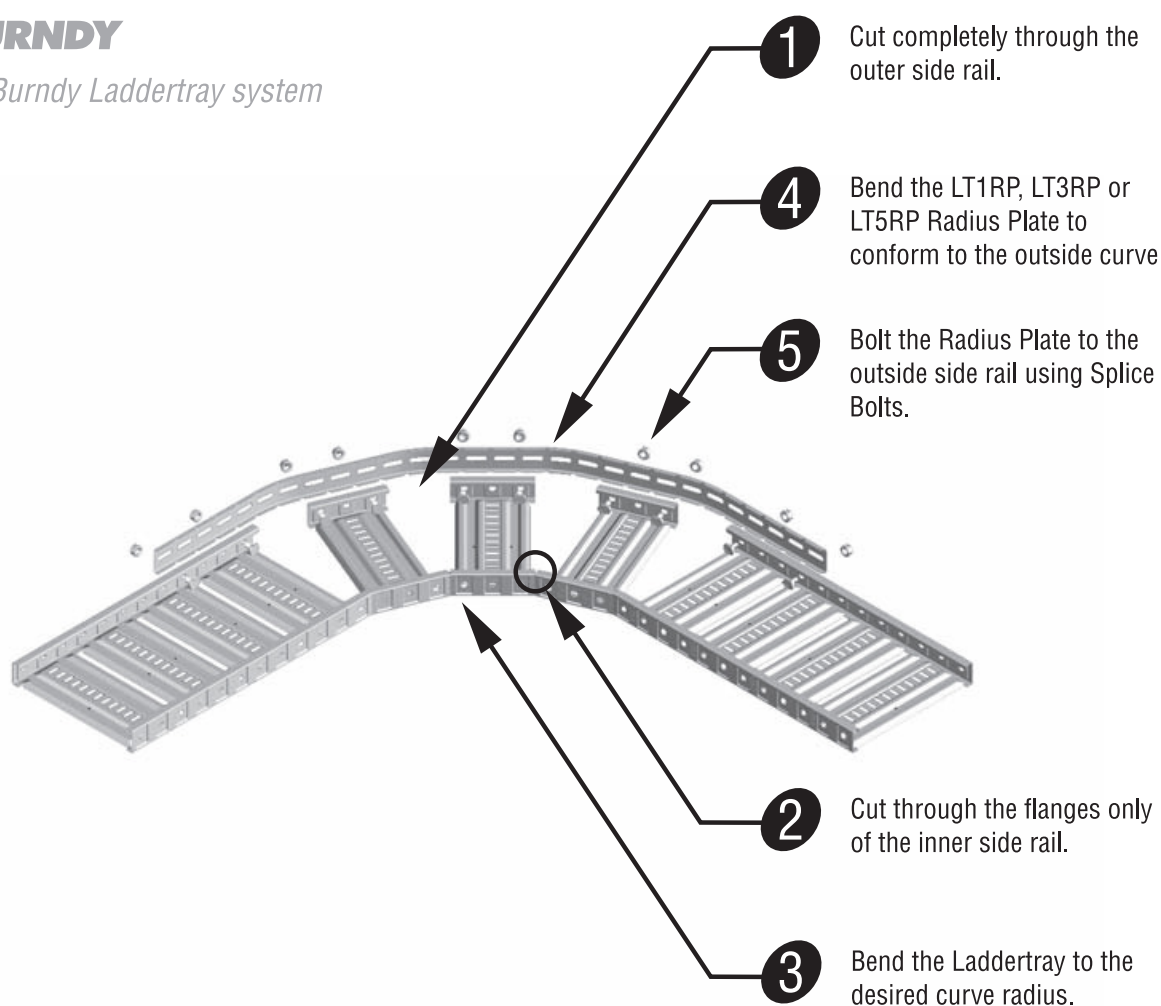
- Hot Dip Galvanised Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.
- Covers are designed to suit the Burndy Ladder Tray as well as the Cable Mesh Trays.

	Ordering Code	Nominal Width mm	Internal Width mm
Galvanised	CPLT150G	150	175
	CPLT300G	300	325
	CPLT450G	450	475
	CPLT500G	500	525
	CPLT600G	600	625
Hot Dip Galvanised	CPLT150H	150	175
	CPLT300H	300	325
	CPLT450H	450	475
	CPLT500H	500	525
	CPLT600H	600	625


**Laddertray LT3/LT5 - Peaked Cover**



## Making a Horizontal Bend

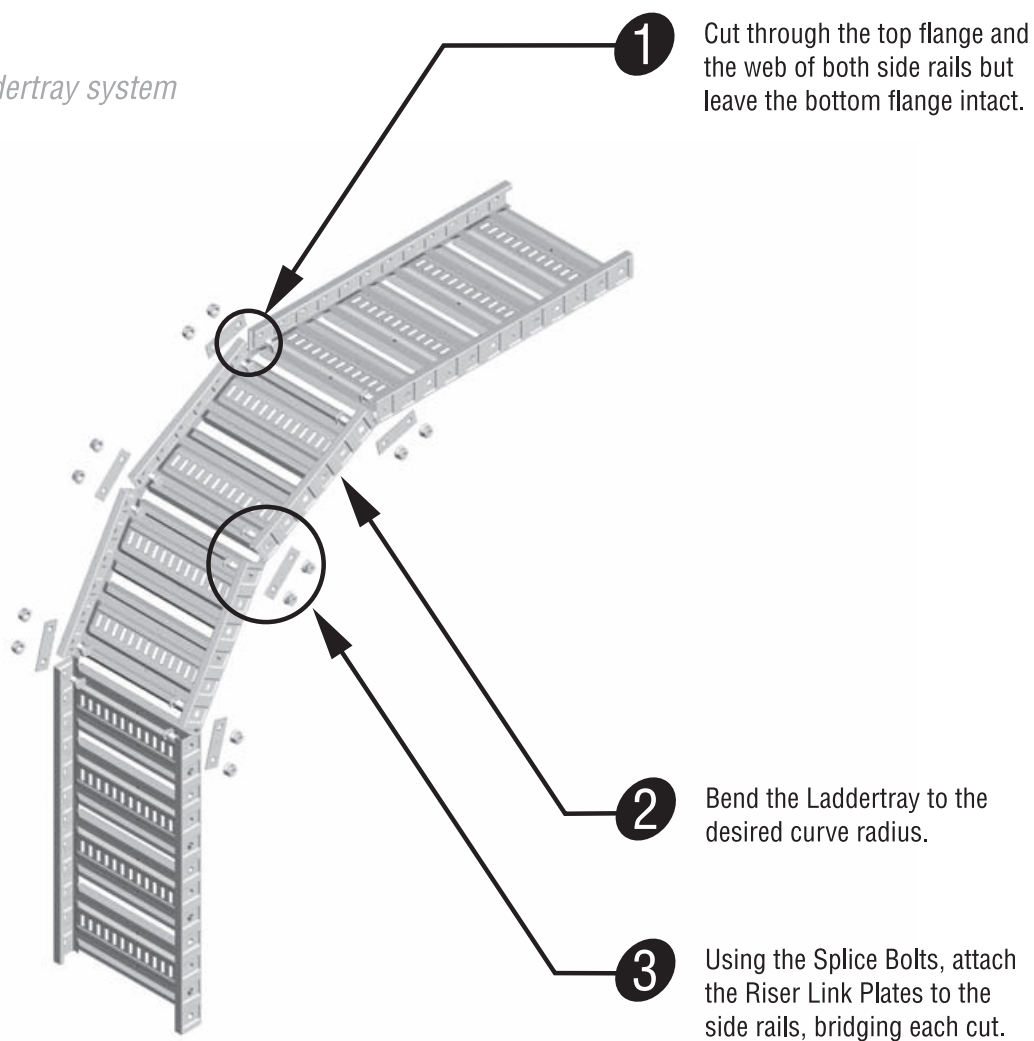
**BURNDY***the Burndy Laddertray system*1  
channels2  
nuts & bolts3  
cantilever  
brackets4  
channel  
fittings5  
laddertrays6  
cable mesh7  
steel  
ladders8  
aluminium  
ladders9  
covers10  
hyground



## Making an External Riser

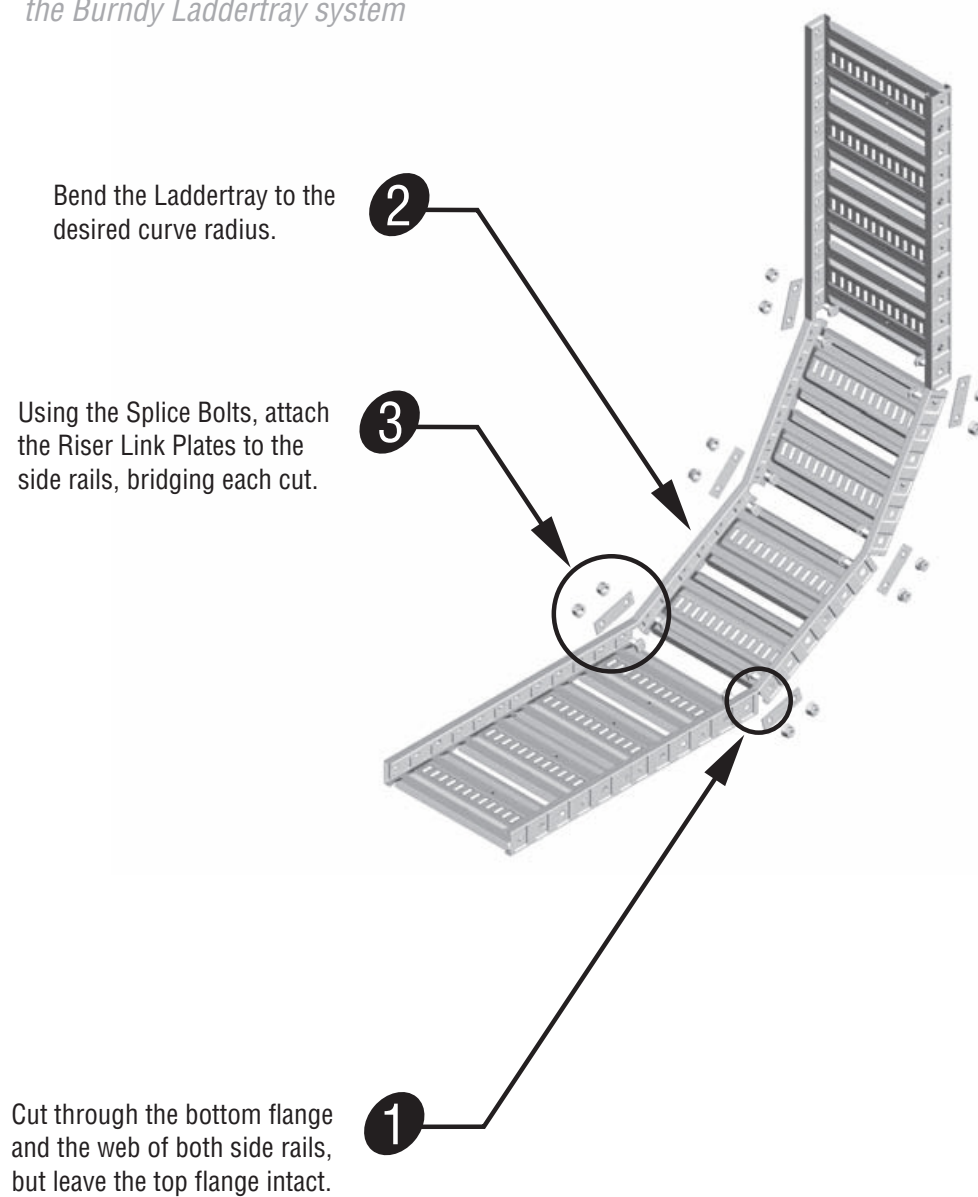
**BURNDY**

*the Burndy Laddertray system*





## Making an Internal Riser

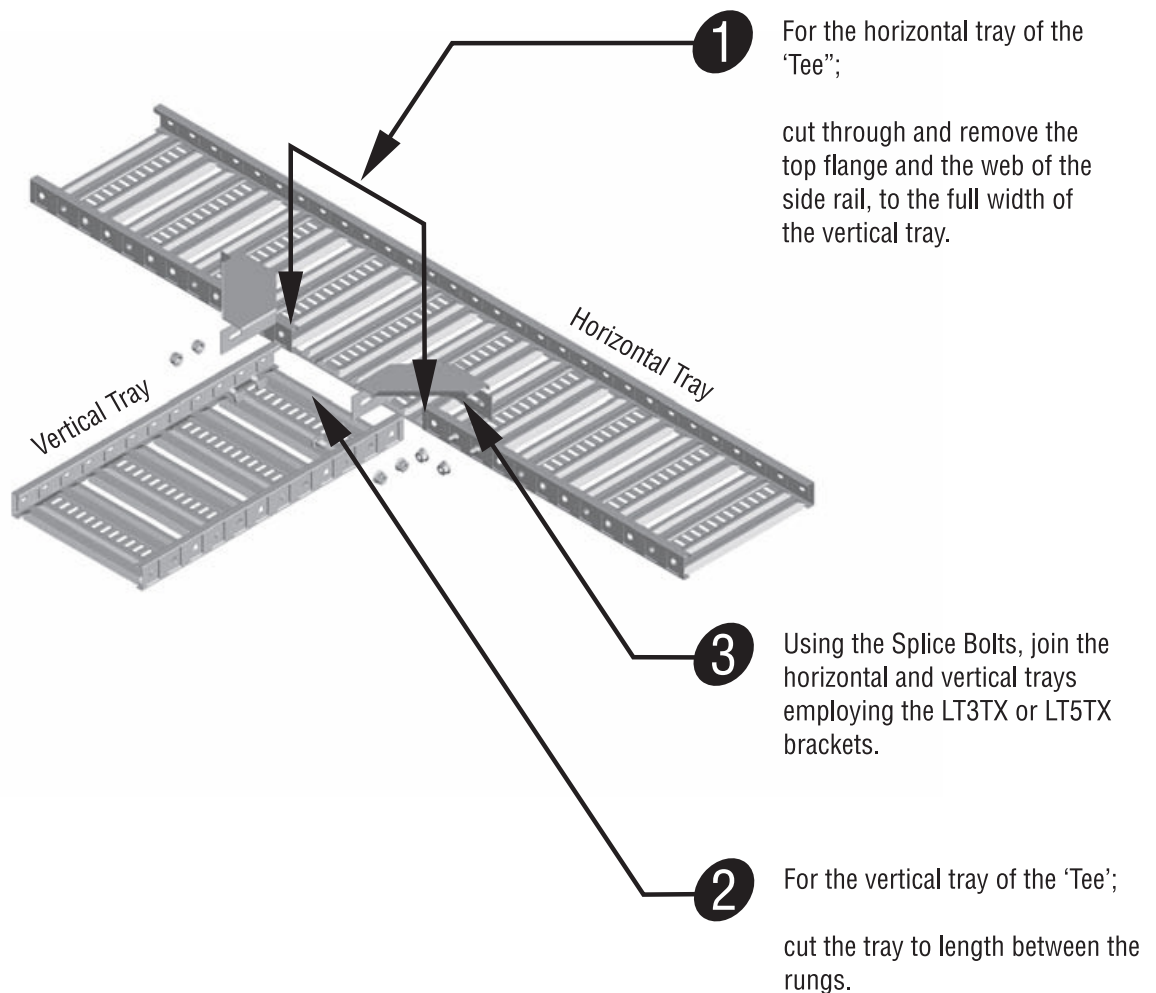
**BURNDY***the Burndy Laddertray system*



## Making an Tee

**BURNDY**

*the Burndy Laddertray system*





Surface Finish

Available Finish

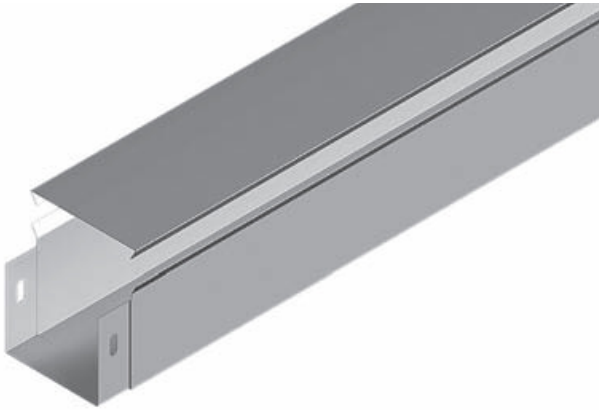
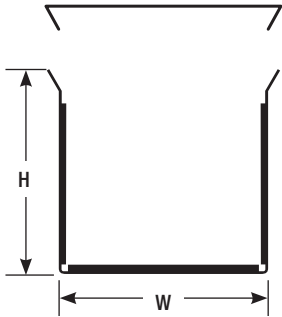
Code

Galvabond  
Hot Dip Galvanised  
Aluminium

G  
H  
A

Note

- Aluminium and Hot Dip Galvanised products are manufactured against firm orders only.



Joining screws (PS610Z) and nuts (FN6Z) sold separately.  
Two (2) required per joint. Product code WIZ.  
Joining Screws Ordering Code: WIZ x 2 (PS610Z & FN6Z).  
Supplied in standard 2.4 metre lengths.  
Other sizes can be manufactured to firm orders in minimum batch quantities of 100.

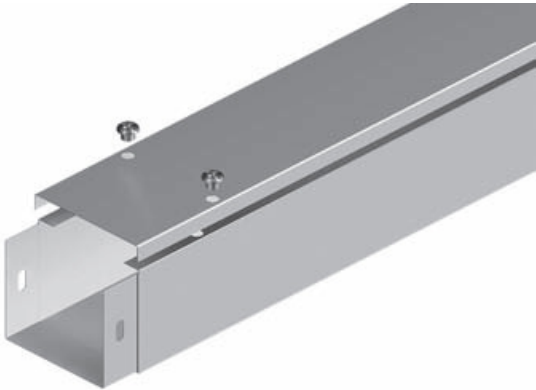
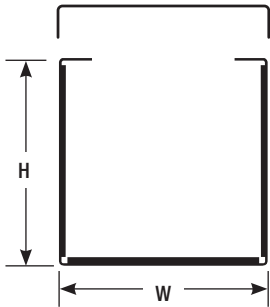
Ordering Code	Width W mm	Height H mm
DCL5050	50	50
DCL7575	75	75
DCL100100	100	100
DCL150100	150	100

G Galvabond

H Hot Dip Galvanised

A Aluminium

Cable Duct - Clip Lid



Joining screws (PS610Z) and nuts (FN6Z) sold separately.  
Two (2) required per joint. Product code WIZ.  
Joining Screws Ordering Code: WIZ x 2 (PS610Z & FN6Z).  
Supplied in standard 2.4 metre lengths.  
Other sizes can be manufactured to firm orders in minimum batch quantities of 100.

Ordering Code	Width W mm	Height H mm
DSL5050	50	50
DSL7575	75	75
DSL100100	100	100
DSL150100	150	100

G Galvabond

H Hot Dip Galvanised

A Aluminium

Cable Duct - Screw Lid

channels

nuts & bolts

cantilever brackets

channel fittings

laddertrays

cable mesh

steel ladders

aluminium ladders

covers

hyground



**Surface Finish**

**Available  
Finish**

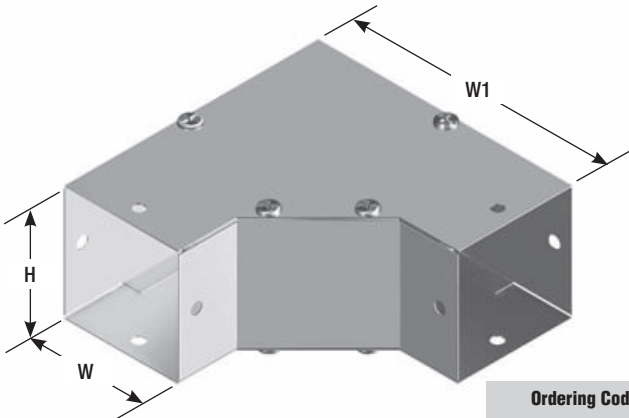
**Code**

Galvabond  
Hot Dip Galvanised  
Aluminium

G  
H  
A

**Note**

- Aluminium and Hot Dip Galvanised products are manufactured against firm orders only.



Joining screws (PS610Z) and nuts (FN6Z) sold separately.  
Two (2) required per joint. Product code WIZ.  
Joining Screws Ordering Code: WIZ x 4 (PS610Z & FN6Z).  
Combination Bend/Riser requires four (4) screws per fitting for installation.

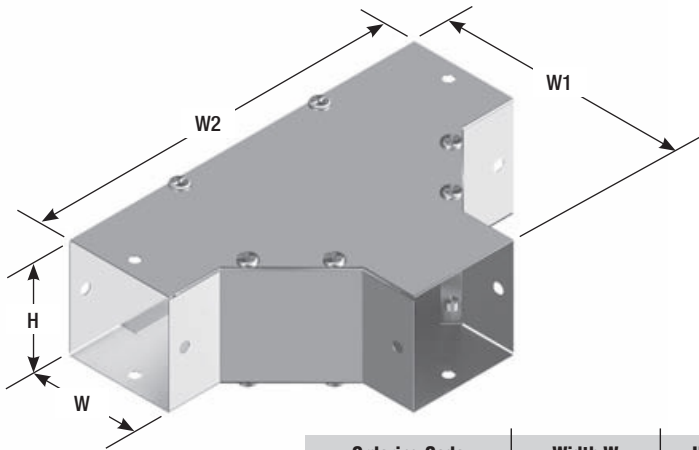
Ordering Code	Width W mm	Height H mm	Width W1 mm
DCB5050	50	50	167
DCB7575	75	75	192
DCB100100	100	100	217
DCB150100	150	100	267

**G** Galvabond

**H** Hot Dip Galvanised

**A** Aluminium

**Combination Bend Riser**



Joining screws (PS610Z) and nuts (FN6Z) sold separately.  
Two (2) required per joint. Product code WIZ.  
Joining Screws Ordering Code: WIZ x 6 (PS610Z & FN6Z).  
Combination Tee requires six (6) screws per fitting for installation.

Ordering Code	Width W mm	Height H mm	Width W1 mm	Width W2 mm
DCT5050	50	50	167	287
DCT7575	75	75	192	312
DCT100100	100	100	217	337
DCT150100	150	100	267	387

**G** Galvabond

**H** Hot Dip Galvanised

**A** Aluminium

**Combination Tee**



## Surface Finish

## Available Finish

## Code

Galvabond

G

Hot Dip Galvanised

H

Stainless Steel

S

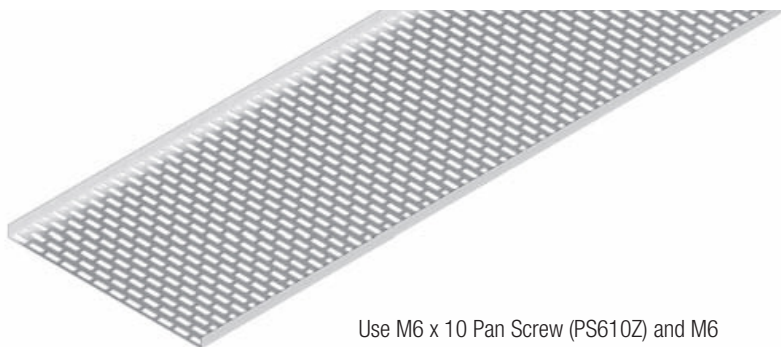
Aluminium

A

Aluminium and stainless steel products are manufactured against firm orders only. They are non returnable and minimum batch quantities may apply.

## Length

- 2.4 metres



Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN62 x 2) for installation of accessories.

Ordering Code: WIZ x 2 (PS610Z & FN6Z).

Cable Laying Width mm	Galvabond	Hot Dip Galvanised
75	CT75G	CT75H
100	CT100G	CT100H
150	CT150G	CT150H
225	CT225G	CT225H
300	CT300G	CT300H
450	CT450G	CT450H
600	CT600G	CT600H

## Cable Tray

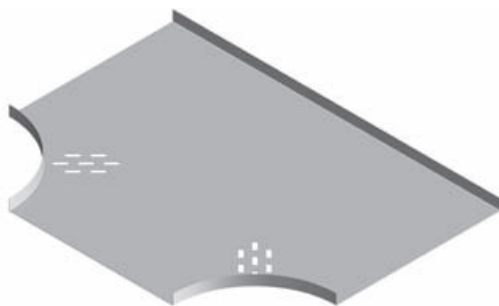


Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN62 x 2) for installation of accessories.

Ordering Code: WIZ x 2 (PS610Z & FN6Z).

Cable Laying Width mm	Galvabond	Hot Dip Galvanised
75	CTB75G	CTB75H
100	CTB100G	CTB100H
150	CTB150G	CTB150H
225	CTB225G	CTB225H
300	CTB300G	CTB300H
450	CTB450G	CTB450H
600	CTB600G	CTB600H

## Cable Tray Bend



Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN62 x 2) for installation of accessories.

Ordering Code: WIZ x 2 (PS610Z & FN6Z).

Cable Laying Width mm	Galvabond	Hot Dip Galvanised
75	CTT75G	CTT75H
100	CTT100G	CTT100H
150	CTT150G	CTT150H
225	CTT225G	CTT225H
300	CTT300G	CTT300H
450	CTT450G	CTT450H
600	CTT600G	CTT600H

## Cable Tray Tee

1 channels

2 nuts &amp; bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

8 aluminium ladders

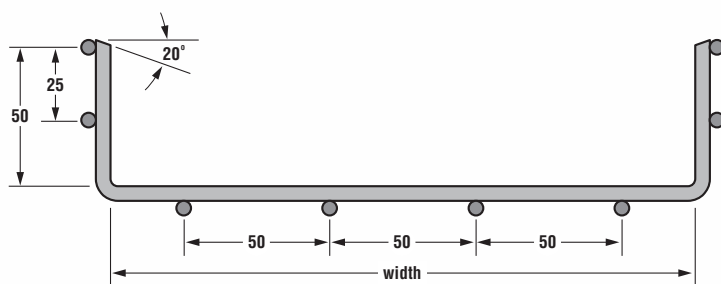
9 covers

10 hyground

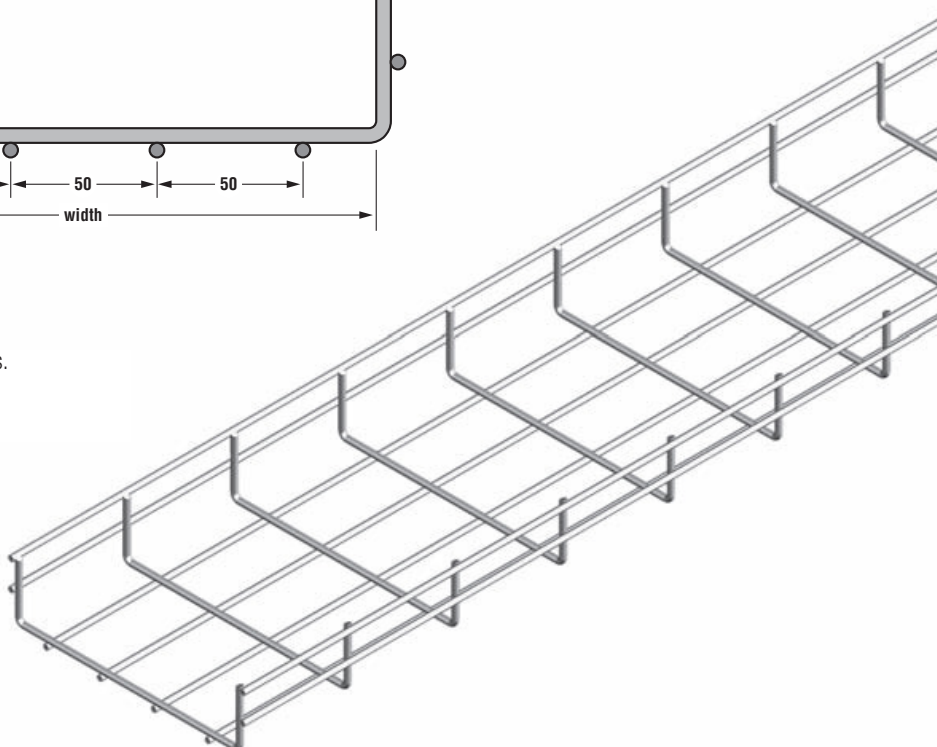








**Note** - Supplied in 3 metre lengths.



### Safe Load

					Safe Load Capability (kg)					
Ordering Code	Height mm	Width		Wire Dia mm	Support Span (mm)					Safe Deflection mm
		mm	inch		1000	1500	2000	2500	3000	
BCM150	50	150	6	5	228	152	101	68	45	35
BCM300	50	300	12	5	278	186	124	83	55	35
BCM450	50	450	18	5	329	219	146	98	65	35
BCM500	50	500	20	5	354	236	158	105	70	35
BCM600	50	600	24	5	380	253	169	113	75	35

- Z Electro Zinc Plated (standard)
- H Hot Dip Galvanised (made to order)

### Maximum Load

					Maximum Load Capability (kg)					
Ordering Code	Height mm	Width		Wire Dia mm	Support Span (mm)					Max Deflection mm
		mm	inch		1000	1500	2000	2500	3000	
BCM150	50	150	6	5	532	354	236	158	105	100
BCM300	50	300	12	5	683	456	304	203	135	100
BCM450	50	450	18	5	835	557	371	248	165	100
BCM500	50	500	20	5	861	574	383	255	170	100
BCM600	50	600	24	5	911	608	405	270	180	100

- Z Electro Zinc Plated (standard)
- H Hot Dip Galvanised (made to order)

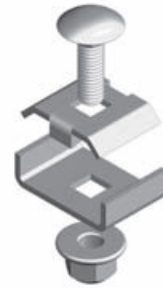
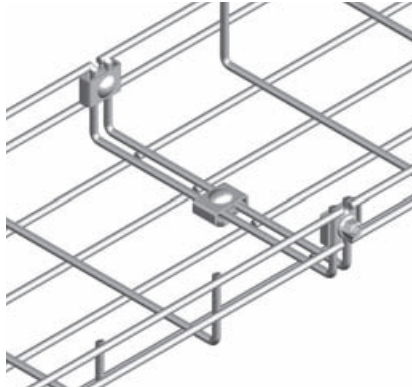
### BCM50 Wire Mesh Cable Trays



Ordering Code: **BCMCP**

Used to join sections of straight mesh cable trays. A minimum of three couplers is required per joint. The coupler is supplied complete with an M6 bolt and an M6 flange nut.

Finish: **Z** - Zinc Electro Plated  
**H** - Hot Dip Galvanised (made to order)

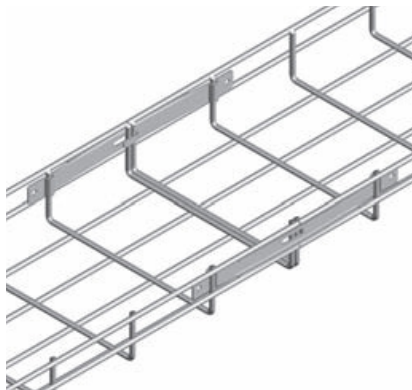


### BCMCP Coupler

Ordering Code: **BCMSP**

Intended for light loads, the BCMSP provides a quick and simple method of joining sections of straight mesh cable trays.

Finish: **Z** - Zinc Electro Plated  
**H** - Hot Dip Galvanised (made to order)

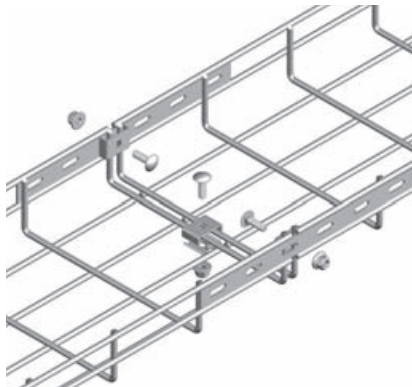


### BCMSP Fast Fix Splicer

Ordering Code: **BCMSB**

Used to make the joint between two wire mesh cable trays stronger and stiffer. Also used to construct tees, crosses, risers and reducers.

Finish: **Z** - Zinc Electro Plated  
**H** - Hot Dip Galvanised (made to order)

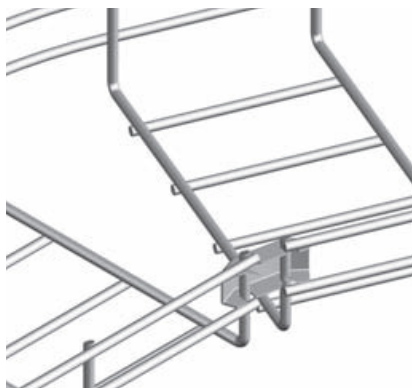


### BCMSB Strengthening Bar

Ordering Code: **BCMCPF**

An alternative to BCMCP when making bends. Mainly used for smaller wire mesh trays.

Finish: **Z** - Zinc Electro Plated  
**H** - Hot Dip Galvanised (made to order)



### BCMCPF Coupler Fastlock

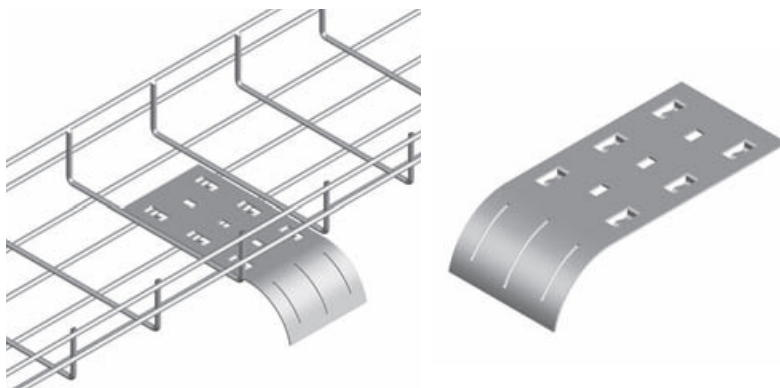


Ordering Code: **BCMCG**

Facilitates cables to emerge from the cable tray.

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)



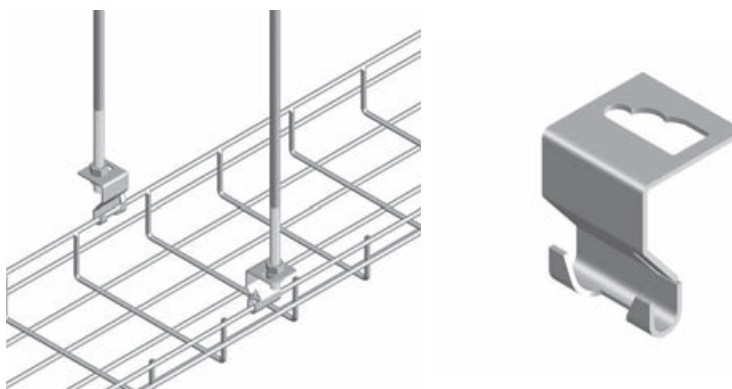
## BCMCG Cable Guide

Ordering Code: **BCMHH**

Used to hang cable trays from an overhead support. Intended for light loads.

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)



## BCMHH Hanging Hook

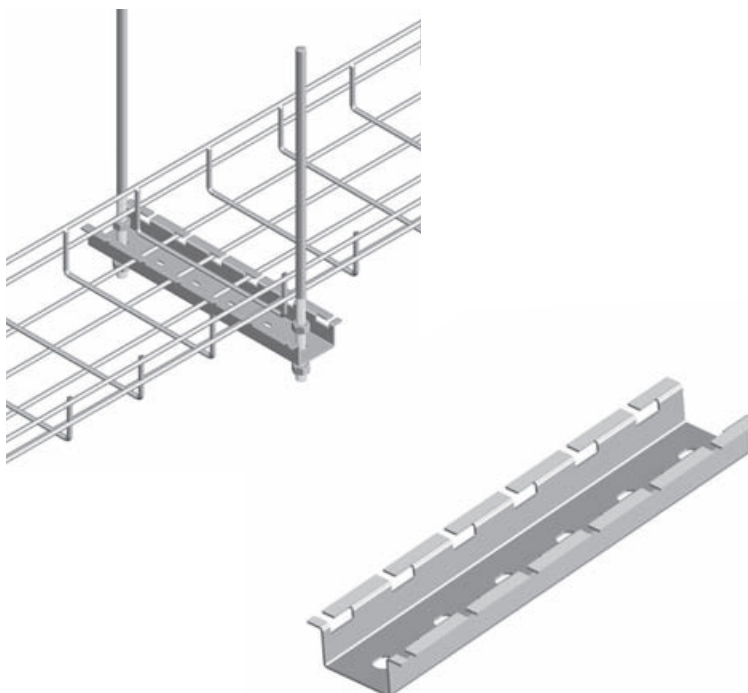
Ordering Code: **BCMT150, BCMT300, BCMT450, BCMT500, BCMT600.**

Commonly used for ceiling mounting. M10 rods allow heavier loads to be carried. Requires two M10 (1000 mm long) metric thread rods, two anchor bolts, two flange nuts and two standard M10 nuts.

BCMT series can also be used to support a cable tray from the floor.

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)



## BCMT Trapeze

1 channels

2 nuts & bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

8 aluminium ladders

9 covers

10 hyground



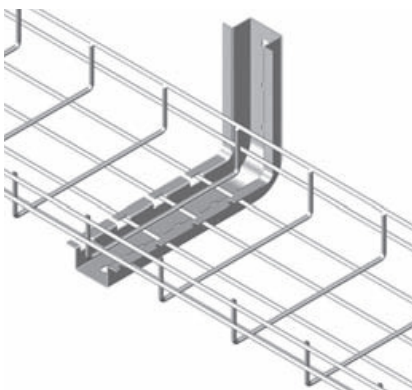
Ordering Code: **BCMWB150, BCMWB300, BCMWB450, BCMWB500, BCMWB600.**

Used to support wire mesh cable trays from a vertical surface such as a wall.

Width: 150, 300, 450, 500, 600 mm

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)



### BCMWB L Type Wall Bracket

Ordering Code: **BCMC150, BCMC300, BCMC450, BCMC500, BCMC600.**

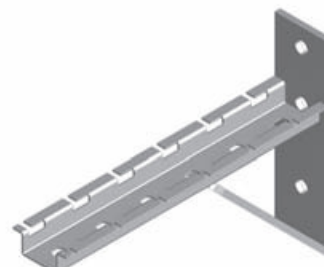
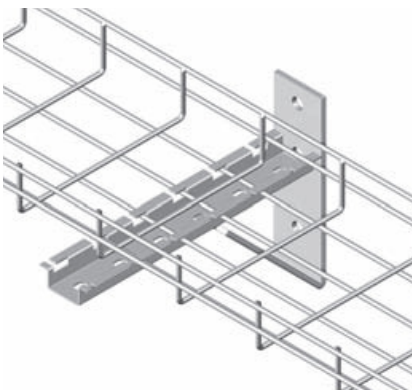
Used to support wire mesh cable trays from a vertical surface such as a wall.

Width: 150, 300, 450, 500, 600 mm

Designed for heavy loads.

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)



### BCMC Cantilever Bracket

Ordering Code: **BCMFS300, BCMFS600**

For supporting heavy wire mesh cable trays in under floor installations.

Height: 26.5 mm

Width: 300 mm, 600 mm

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)



### M Shaped Floor Support

Ordering Code: **BCMHD**

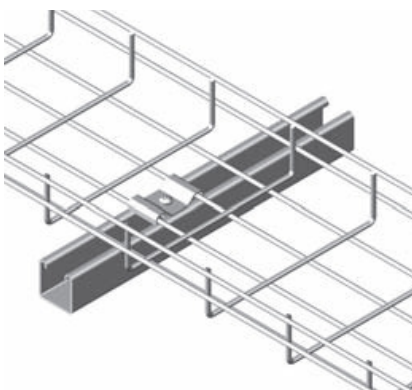
For connecting a wire mesh cable tray to a supporting channel.

Material Thickness: 1.6 mm

Finish: **Z** - Zinc Electro Plated

**H** - Hot Dip Galvanised (made to order)

To be used with a 6 mm Pan Head Screw ordering code PS620Z and 6 mm Trunking Nut ordering code B3016Z. Both are sold separately.



### BCMHD





BCMST Fast Lock Splice Assistance Tool

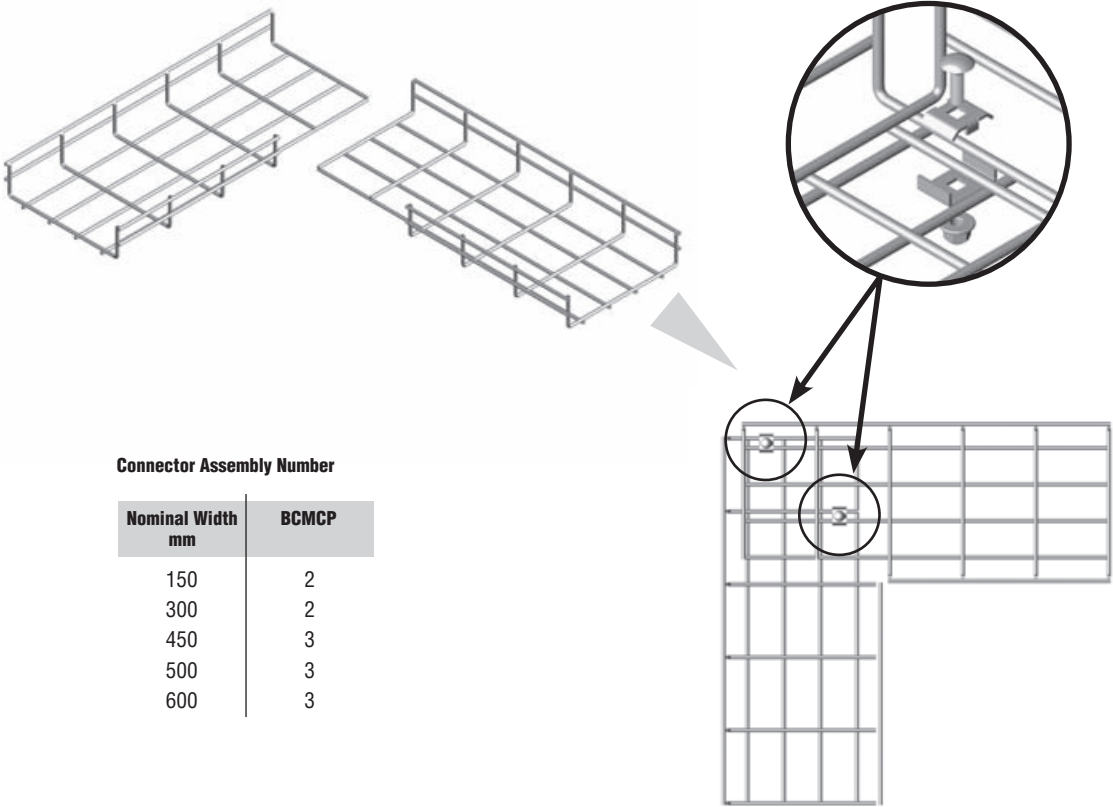
Ordering Code: **N1CCS**  
Note: Clamp can be used on Nema 1 Ladder Covers as well as Mesh Covers.



Mesh Cover Clamp

1	channels
2	nuts & bolts
3	cantilever brackets
4	channel fittings
5	laddertrays
6	cable mesh
7	steel ladders
8	aluminium ladders
9	covers
10	hyground

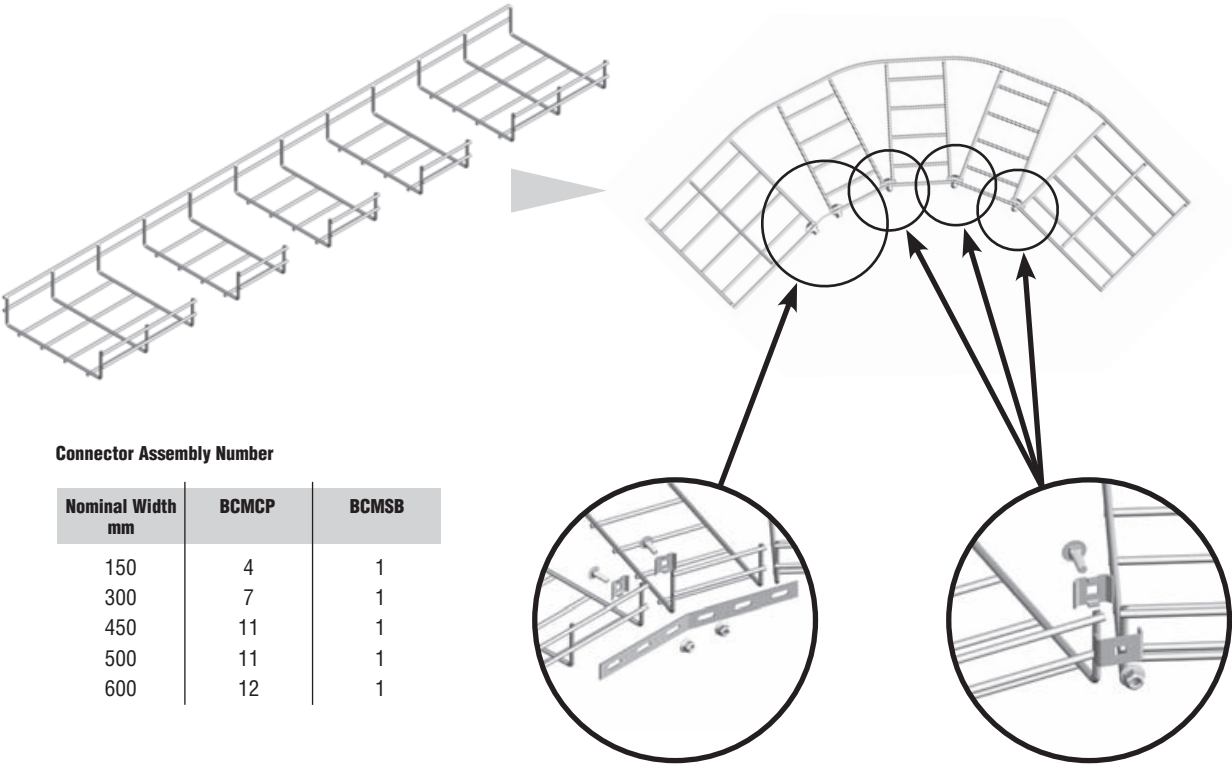




Connector Assembly Number

Nominal Width mm	BCMCP
150	2
300	2
450	3
500	3
600	3

**90° Short Bend - Assembled from Two Straight Sections**

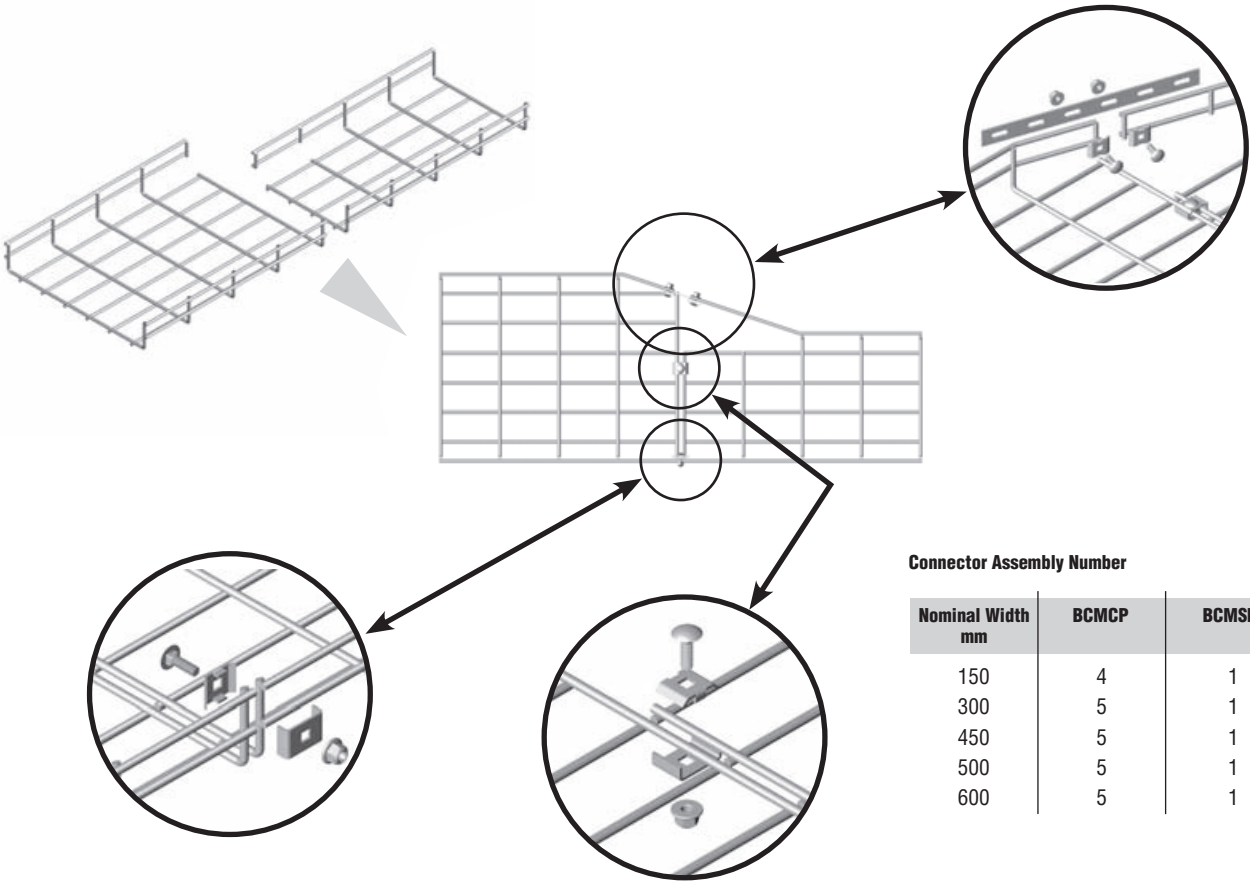


Connector Assembly Number

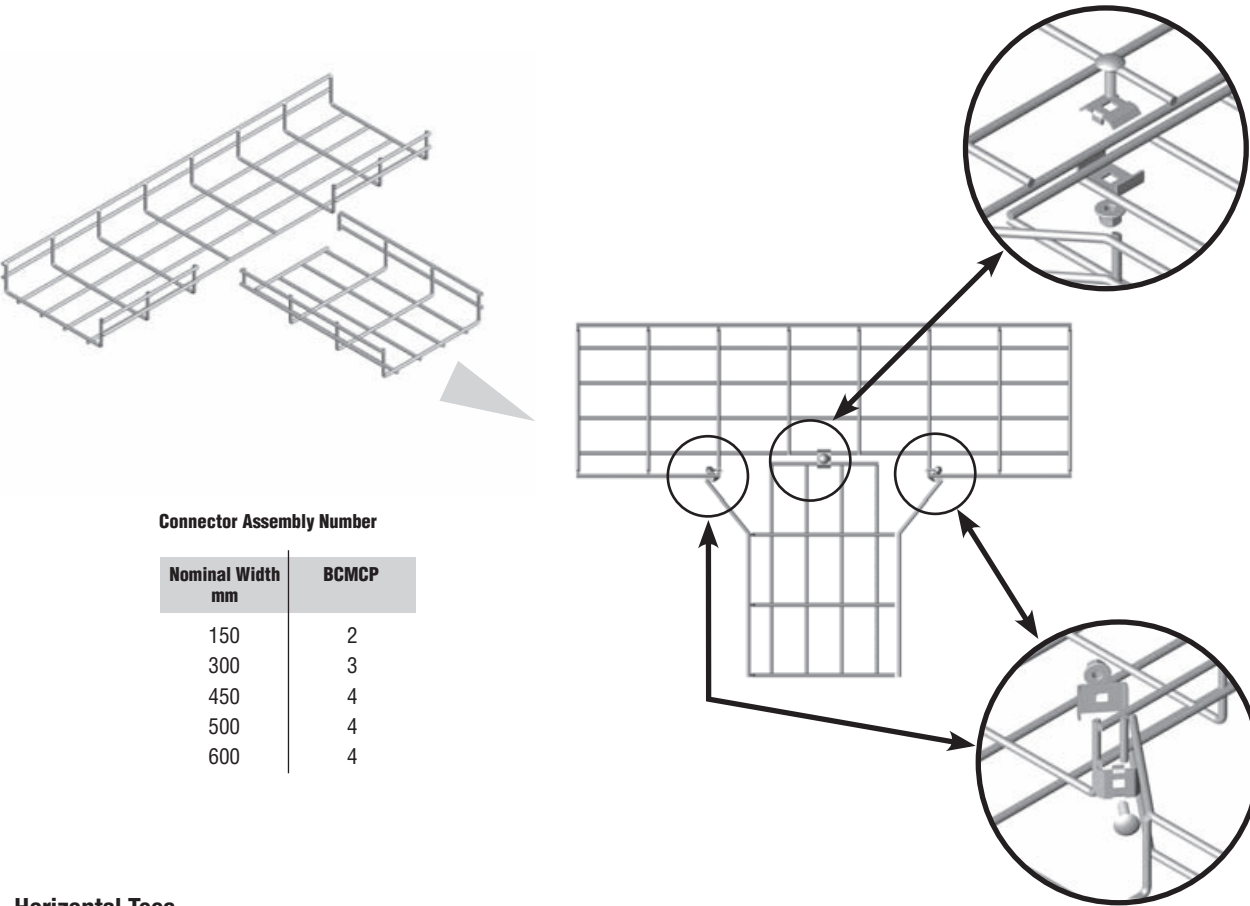
Nominal Width mm	BCMCP	BCMSB
150	4	1
300	7	1
450	11	1
500	11	1
600	12	1

**90° Long Radius Bend**



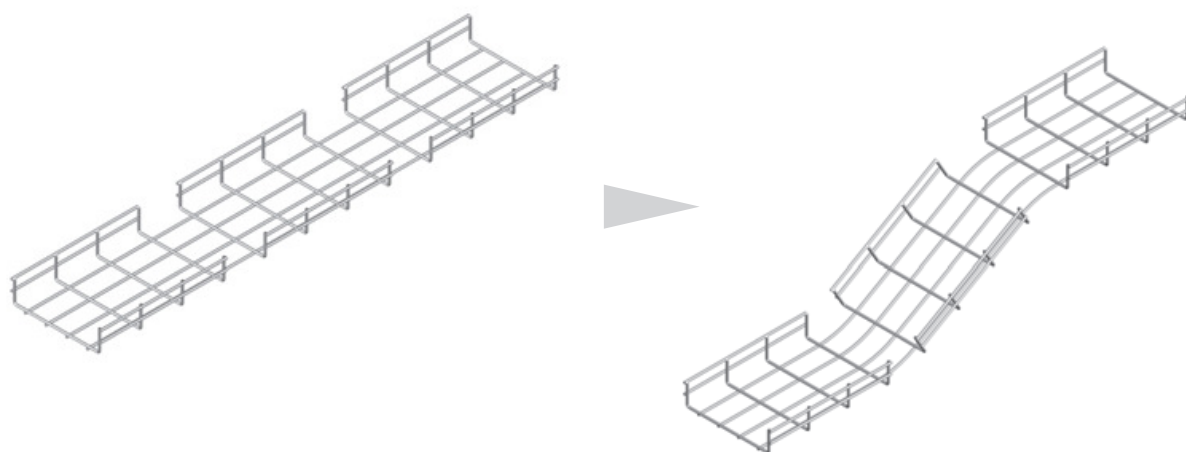


**Reducers**



**Horizontal Tees**





### Vertical Inside and Outside Bend

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**Specifications**

- Standard Length 6.0 metres.
- Overall height 75 mm
- Cable laying depth 60 mm

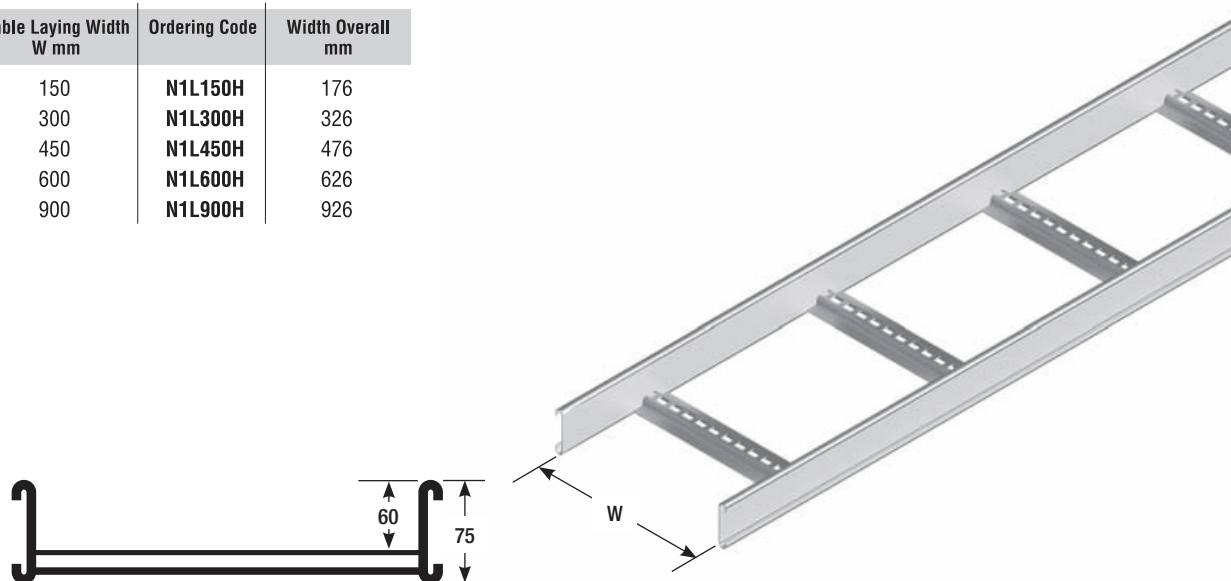
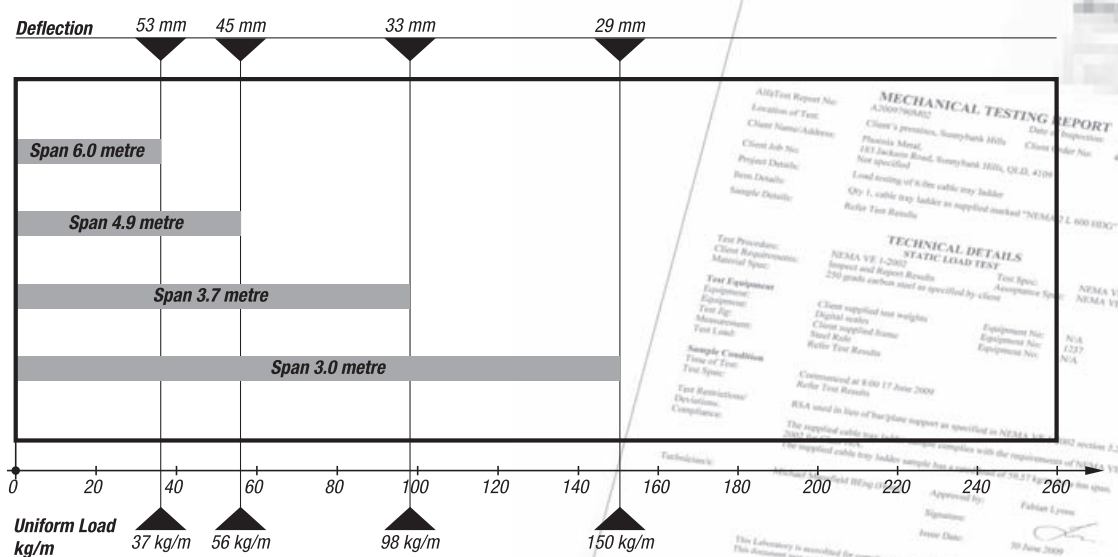
**Surface Finish****Available Finish**

Hot Dip Galvanised

**Code**

H

Cable Laying Width W mm	Ordering Code	Width Overall mm
150	N1L150H	176
300	N1L300H	326
450	N1L450H	476
600	N1L600H	626
900	N1L900H	926

**Nema 1 Cable Ladder****Load and Deflection - Nema 1 Steel**

Nema 1 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.



- Specifications**
- Length supplied varies according to customer's requirements.

- Overall height 75 mm

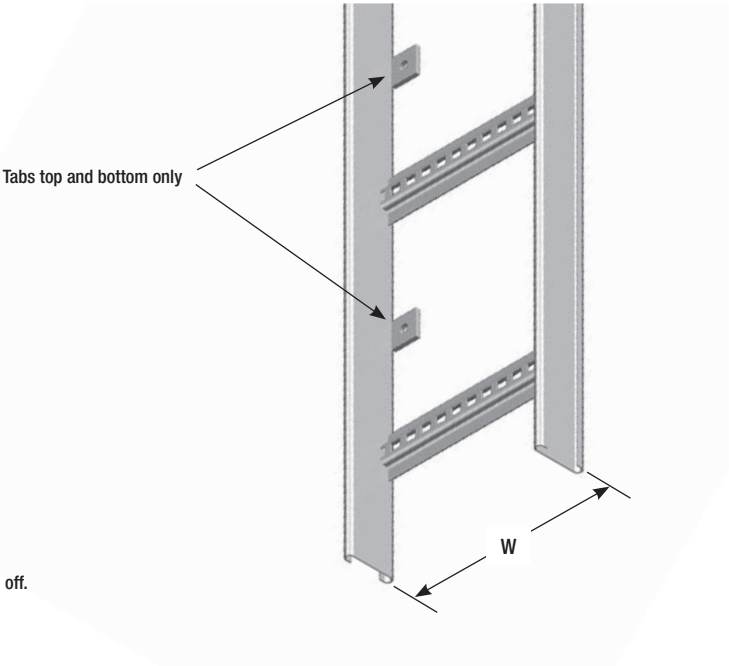
- Cable laying depth 60 mm

Surface Finish	Available Finish	Code
	Hot Dip Galvanised	H

Cable Laying Width W mm	Ordering Code	Width Overall mm
150	N1RL150H	176
300	N1RL300H	326
450	N1RL450H	476
600	N1RL600H	626

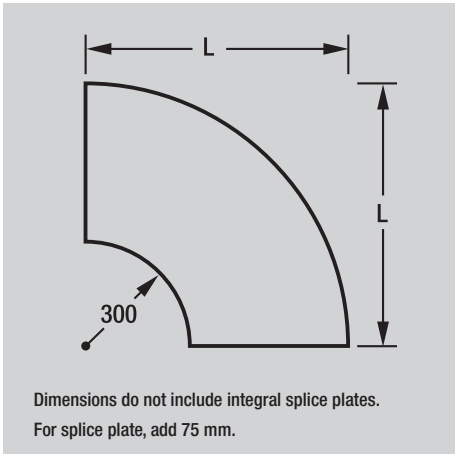


Note: The set back of the rungs allows for easy installation and tying off.



Nema 1 Riser Ladder

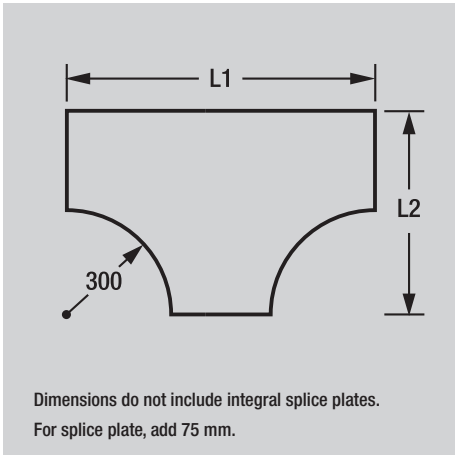
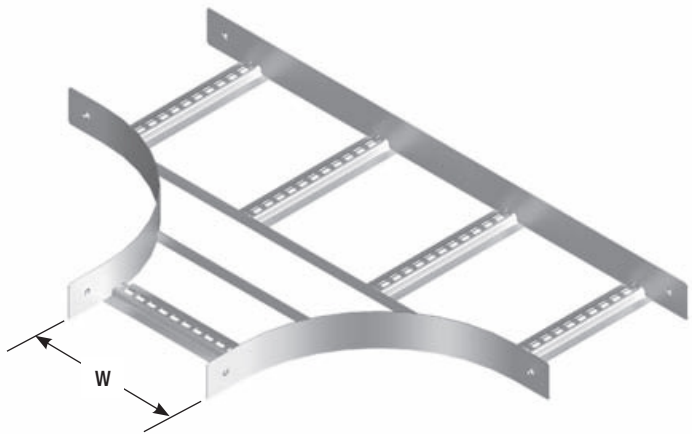




Dimensions do not include integral splice plates.  
For splice plate, add 75 mm.

Supplied complete with screws. 4 x N1SBH (no nuts) required.  
Non standard radius fittings can be manufactured against firm orders, and are non returnable.

NEMA 1 Cable Ladder - Bend



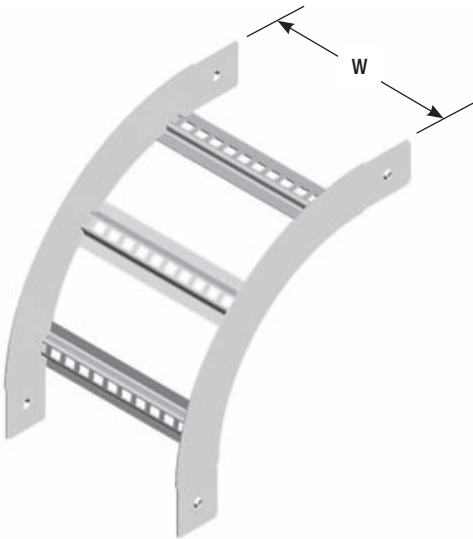
Dimensions do not include integral splice plates.  
For splice plate, add 75 mm.

Supplied complete with screws. 6 x N1SBH (no nuts) required.  
Non standard radius fittings can be manufactured against firm orders, and are non returnable.

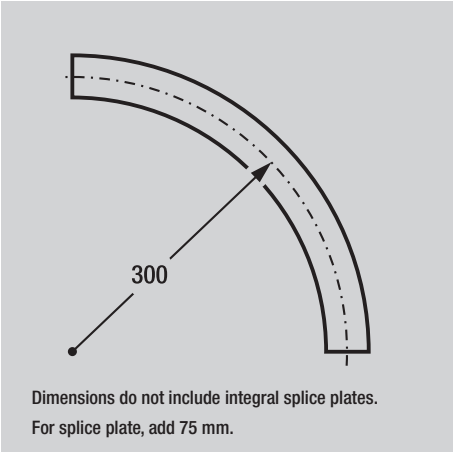
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N1T1503H	150	750	450
N1T3003H	300	900	600
N1T4503H	450	1050	750
N1T6003H	600	1200	900
N1T9003H	900	1500	1200

NEMA 1 Cable Ladder - Tee



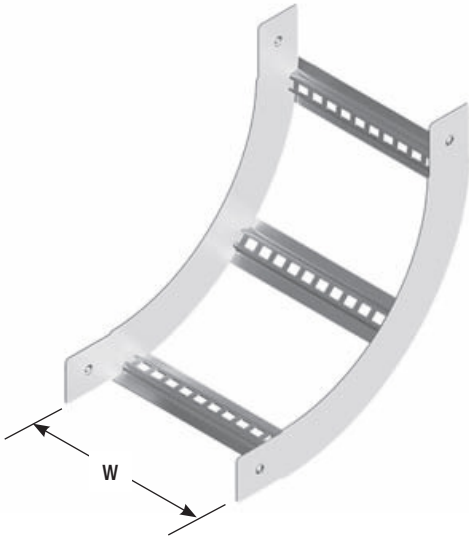


Supplied complete with screws. 4 x N1SBH (no nuts) required.  
Non standard radius fittings can be manufactured against firm orders, and are non returnable.

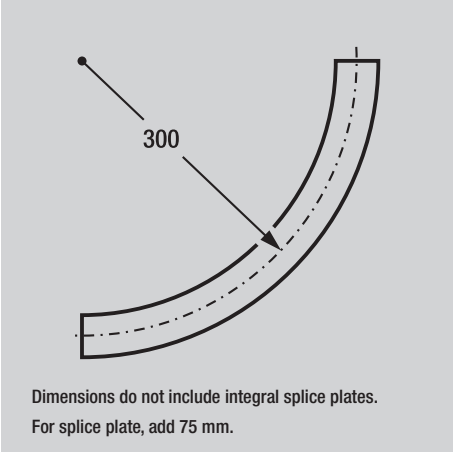


Ordering Code	Width W mm
N1ER1503H	150
N1ER3003H	300
N1ER4503H	450
N1ER6003H	600
N1ER9003H	900

NEMA 1 Cable Ladder - External Riser



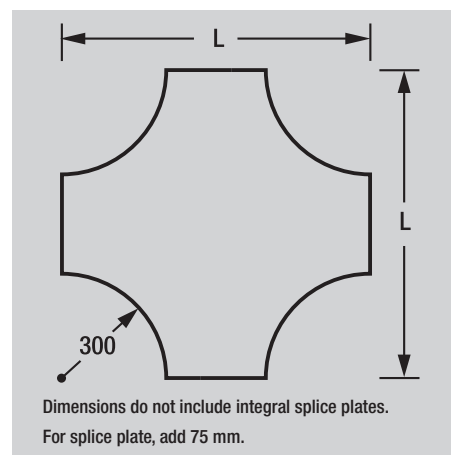
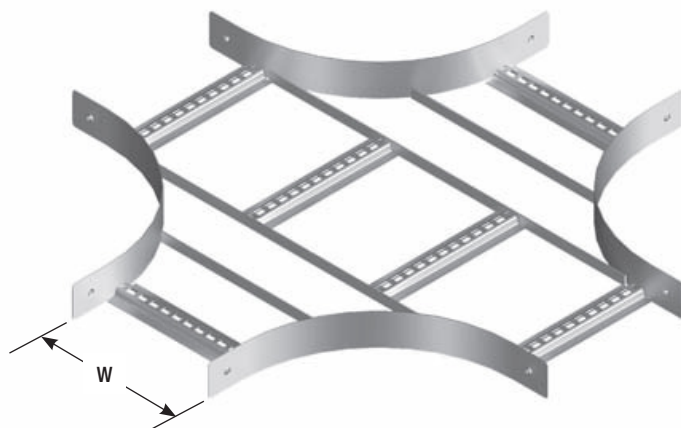
Supplied complete with screws. 4 x N1SBH (no nuts) required.  
Non standard radius fittings can be manufactured against firm orders, and are non returnable.



Ordering Code	Width W mm
N1IR1503H	150
N1IR3003H	300
N1IR4503H	450
N1IR6003H	600
N1IR9003H	900

NEMA 1 Cable Ladder - Internal Riser





Supplied complete with screws. 8 x N1SBH (no nuts) required.

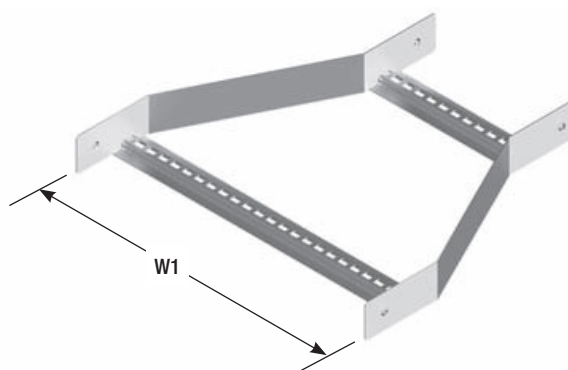
Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Ordering Code	Width W mm	Length L mm
<b>N1C1503H</b>	150	750
<b>N1C3003H</b>	300	900
<b>N1C4503H</b>	450	1050
<b>N1C6003H</b>	600	1200
<b>N1C9003H</b>	900	1500

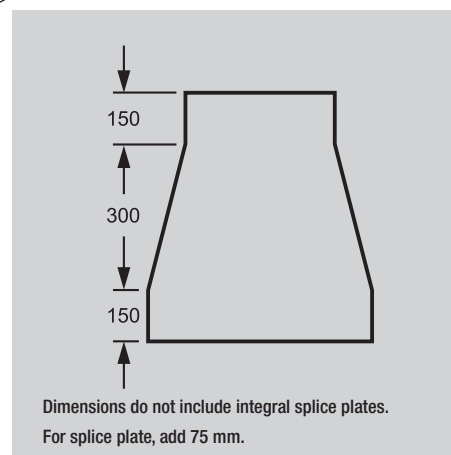
### NEMA 1 Cable Ladder - Cross

Supplied complete with screws.  
4 x N1SBH (no nuts) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
<b>N1SR300150H</b>	300	150
<b>N1SR450150H</b>	450	150
<b>N1SR450300H</b>	450	300
<b>N1SR600150H</b>	600	150
<b>N1SR600300H</b>	600	300
<b>N1SR600450H</b>	600	450
<b>N1SR900150H</b>	900	150
<b>N1SR900300H</b>	900	300
<b>N1SR900450H</b>	900	450
<b>N1SR900600H</b>	900	600

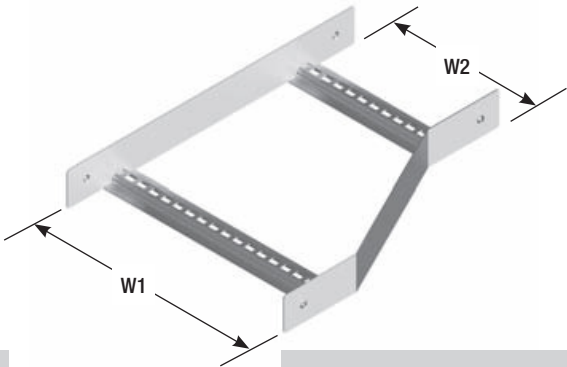


### NEMA 1 Cable Ladder - Straight Reducer

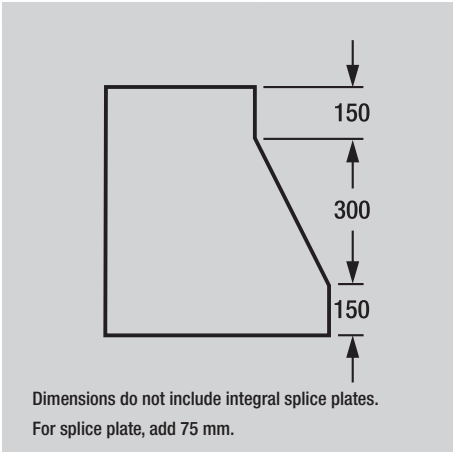


Supplied complete with screws.  
4 x N1SBH (no nuts) required.

Non standard radius fittings can be manufactured  
against firm orders, and are non returnable.



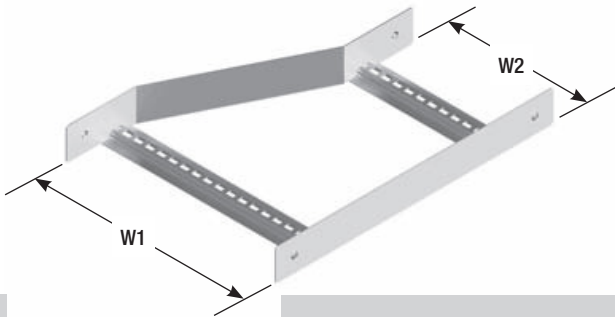
Ordering Code	Width W1 mm	Width W2 mm
N1LHR300150H	300	150
N1LHR450150H	450	150
N1LHR450300H	450	300
N1LHR600150H	600	150
N1LHR600300H	600	300
N1LHR600450H	600	450
N1LHR900150H	900	150
N1LHR900300H	900	300
N1LHR900450H	900	450
N1LHR900600H	900	600



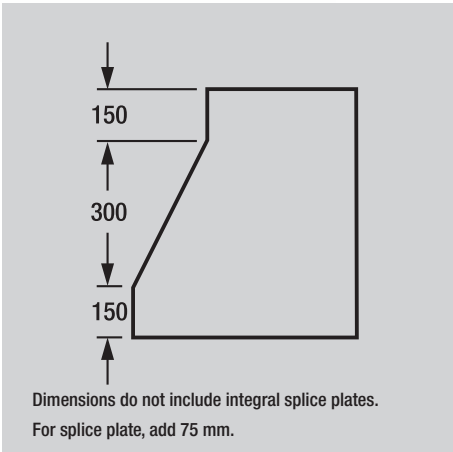
NEMA 1 Cable Ladder - Left Hand Reducer

Supplied complete with screws.  
4 x N1SBH (no nuts) required.

Non standard radius fittings can be manufactured  
against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N1RHR300150H	300	150
N1RHR450150H	450	150
N1RHR450300H	450	300
N1RHR600150H	600	150
N1RHR600300H	600	300
N1RHR600450H	600	450
N1RHR900150H	900	150
N1RHR900300H	900	300
N1RHR900450H	900	450
N1RHR900600H	900	600



NEMA 1 Cable Ladder - Right Hand Reducer



Ordering Code: **N1SH**



**NEMA 1 Splice Plate**

Ordering Code: **N1VSH**



**NEMA 1 Vertical Splice Plate**

Ordering Code: **N1HSH**



**NEMA Horizontal 1 Splice Plate**

channels

nuts & bolts

cantilever brackets

channel fittings

laddertrays

cable mesh

steel ladders

aluminium ladders

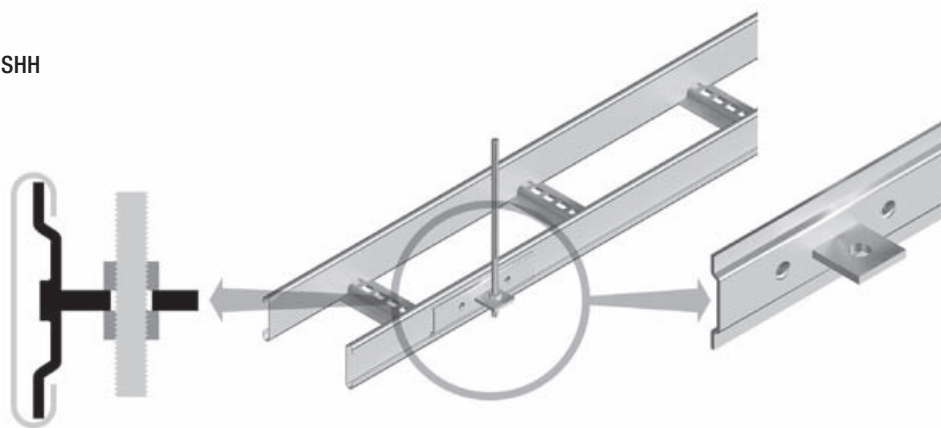
covers

hyground







Ordering Code: **N1SHH**

The Nema 1 Splice Hanging Bracket has revolutionised the industry in mid weight cable applications. Effectively it eliminates the need to use strut and conventional hold down brackets in favour of an all encompassing hanger splice. Its the ideal solution for commercial applications and has proved to provide significant labour savings during installation when compared to more traditional methods.

Note: 1 Should be used in pairs.

2 Hanging Splice may not offer full load capabilities and should be installed at the quarter point between splice joints to offer the best performance.

#### **NEMA 1 Splice Hanging Bracket**

1 channels

2 nuts &amp; bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

8 aluminium ladders

9 covers

10 hyground



**Specifications**

- Standard Length 6.0 metres.
- Overall height 93 mm
- Cable laying depth 75 mm

**Surface Finish**

**Available Finish**

- Hot Dip Galvanised
- Stainless Steel

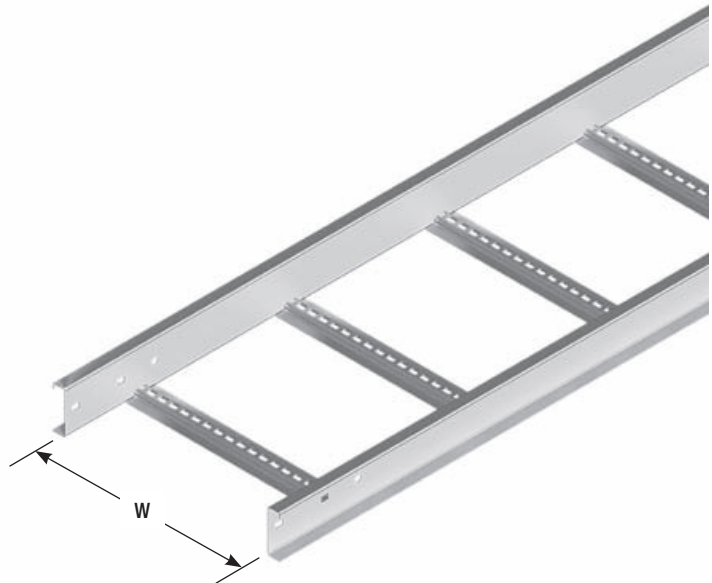
**Code**

- H
- S

**Note**

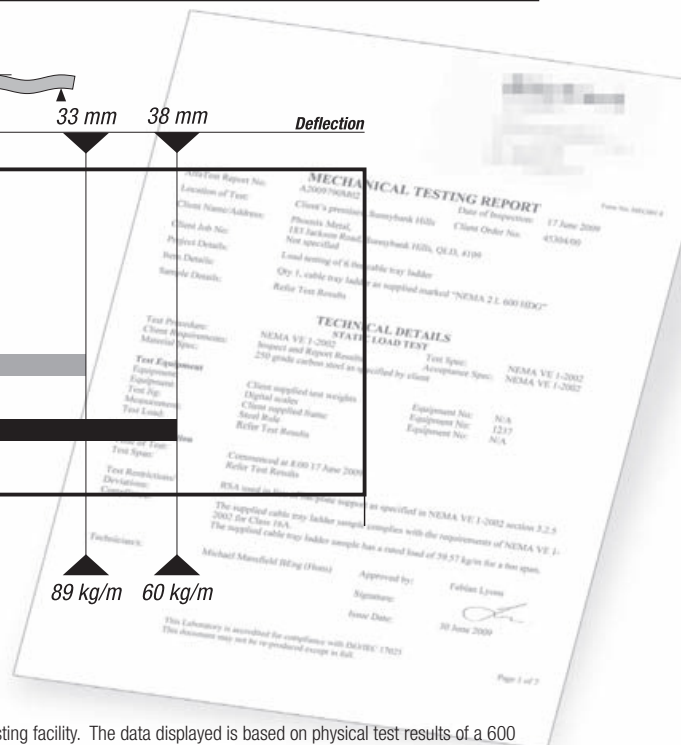
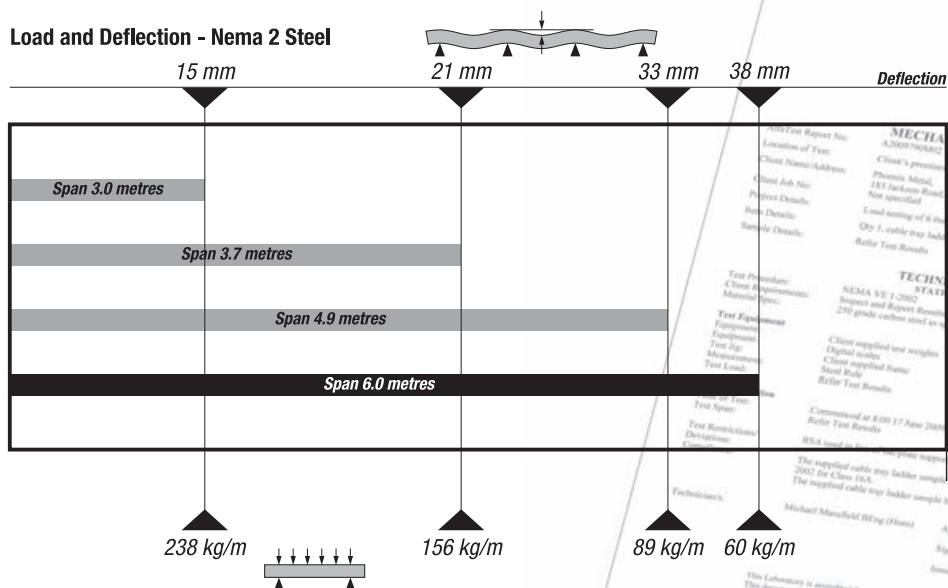
- Stainless steel products are manufactured against firm orders only and are non returnable.

Cable Laying Width W mm	Ordering Code		Width Overall mm
	Hot Dip Galvanised	Stainless Steel	
150	N2L150H	N2L150S	214
300	N2L300H	N2L300S	364
450	N2L450H	N2L450S	514
600	N2L600H	N2L600S	664
900	N2L900H	N2L900S	964



**Nema 2 Cable Ladder**

**Load and Deflection - Nema 2 Steel**



Nema 2 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.



**Specifications**

- Standard Length 6.0 metres.
- Overall height 93 mm
- Cable laying depth 75 mm

**Surface Finish****Available Finish**

Hot Dip Galvanised  
Stainless Steel

**Code**

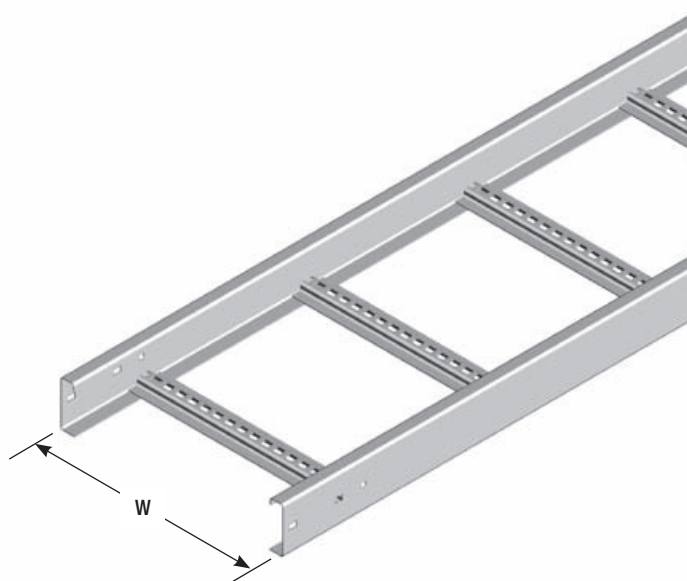
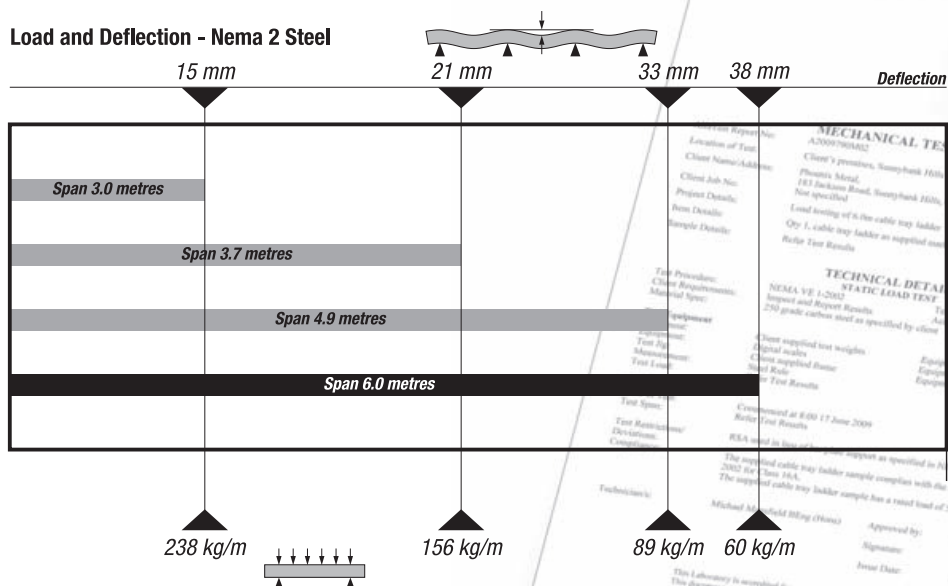
H  
S

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.

**Standard Product in Western Australia**

Cable Laying Width W mm	Ordering Code		Width Overall mm
	Hot Dip Galvanised	Stainless Steel	
150	N2L150RIH	N2L150RIS	154
300	N2L300RIH	N2L300RIS	304
450	N2L450RIH	N2L450RIS	454
600	N2L600RIH	N2L600RIS	604
900	N2L900RIH	N2L900RIS	904

**Nema 2 Cable Ladder****Load and Deflection - Nema 2 Steel**

Nema 2 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.









● **H** Hot Dip Galvanised  
 — **S** Stainless Steel

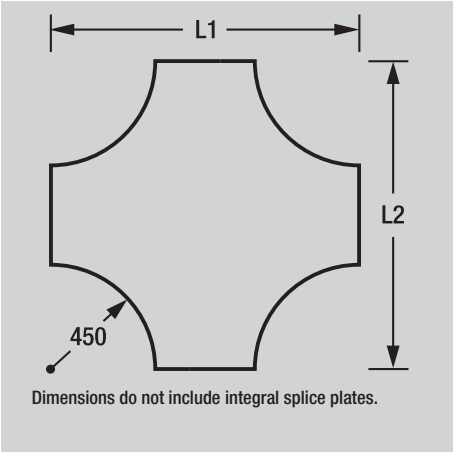
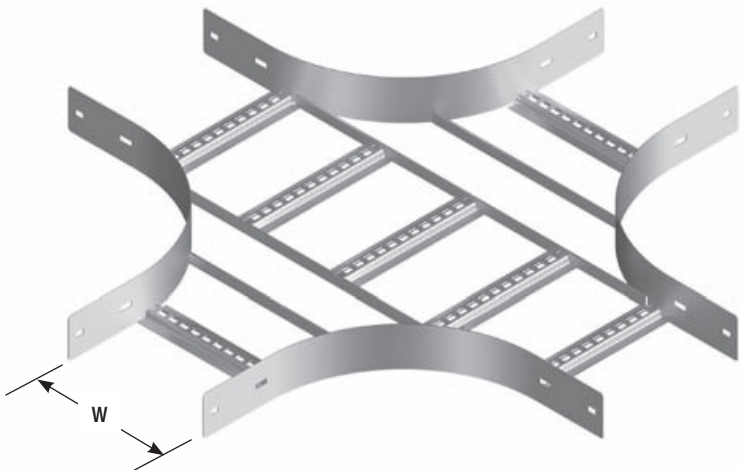
Stainless Steel is only manufactured against firm orders and is non returnable.



**H** Hot Dip Galvanised  
**S** Stainless Steel

## 7.13





Order fasteners separately for installation. 16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Stainless Steel is only manufactured against firm orders and is non returnable.

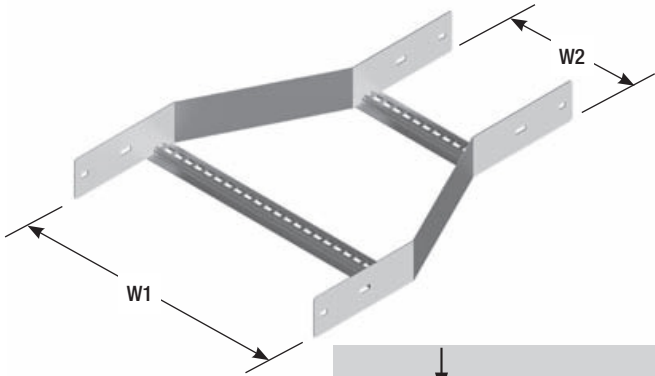
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N2C1504	150	1050	1050
N2C3004	300	1200	1200
N2C4504	450	1350	1350
N2C6004	600	1500	1500
N2C9004	900	1800	1800

H Hot Dip Galvanised  
S Stainless Steel

NEMA 2 Cable Ladder - Cross

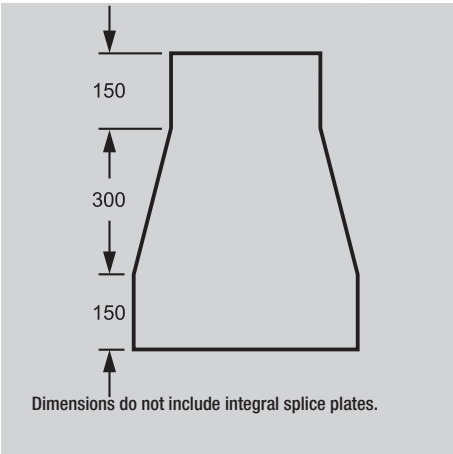
Order fasteners separately for installation. 8 x Splice Bolts (SBH) & 8 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N2SR300150	300	150
N2SR450150	450	150
N2SR450300	450	300
N2SR600150	600	150
N2SR600300	600	300
N2SR600450	600	450
N2SR900150	900	150
N2SR900300	900	300
N2SR900450	900	450
N2SR900600	900	600

H Hot Dip Galvanised  
S Stainless Steel



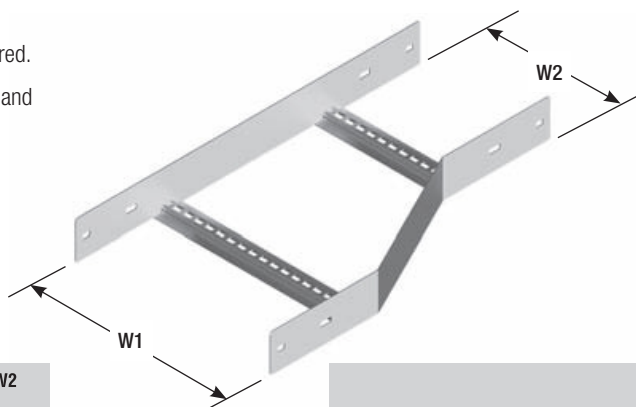
NEMA 2 Cable Ladder - Straight Reducer



Order fasteners separately for installation.

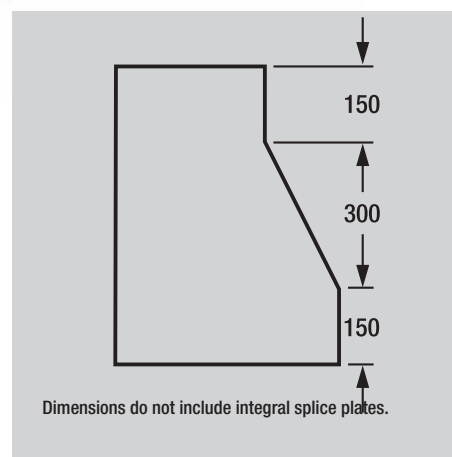
8 x Splice Bolts (SBH) & 8 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N2LHR300150	300	150
N2LHR450150	450	150
N2LHR450300	450	300
N2LHR600150	600	150
N2LHR600300	600	300
N2LHR600450	600	450
N2LHR900150	900	150
N2LHR900300	900	300
N2LHR900450	900	450
N2LHR900600	900	600

● H Hot Dip Galvanised  
— S Stainless Steel

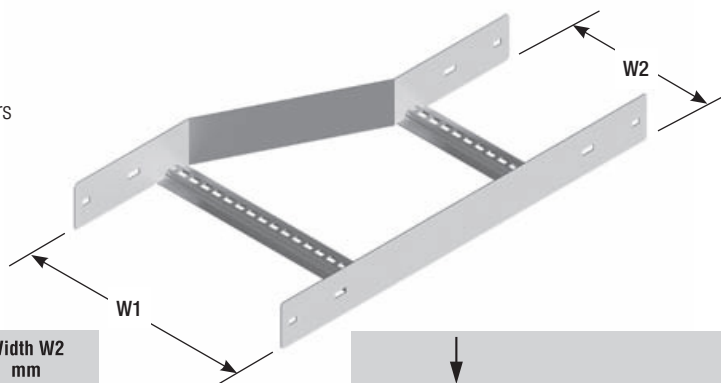


### NEMA 2 Cable Ladder - Left Hand Reducer

Order fasteners separately for installation.

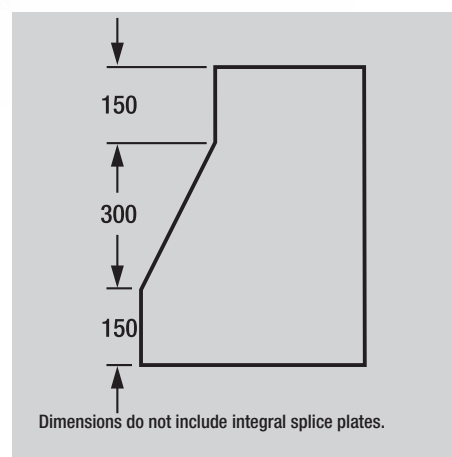
8 x Splice Bolts (SBH) & 8 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N2RHR300150	300	150
N2RHR450150	450	150
N2RHR450300	450	300
N2RHR600150	600	150
N2RHR600300	600	300
N2RHR600450	600	450
N2RHR900150	900	150
N2RHR900300	900	300
N2RHR900450	900	450
N2RHR900600	900	600

● H Hot Dip Galvanised  
— S Stainless Steel



### NEMA 2 Cable Ladder - Right Hand Reducer



Ordering Code: **N2S**

Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.



## NEMA 2 Splice

Ordering Code: **N2VS**

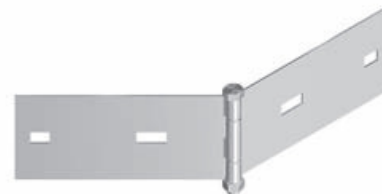
Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.



## NEMA 2 Vertical Splice

Ordering Code: **N2HS**

Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.



## NEMA 2 Horizontal Splice

Both items are ordered separately.

Splice Bolts have a smooth head to eliminate the risk of sheathing the cable during installation.

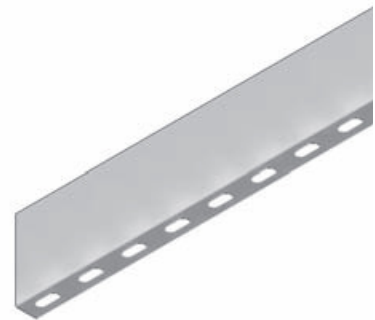
Special counterbore nuts ensure that correct tension is achieved during installation.



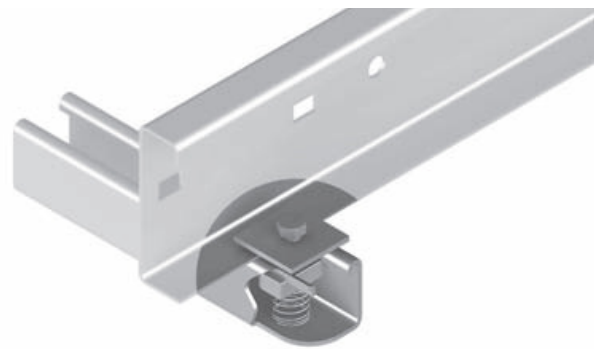
### SB Splice Bolt & SN Splice Nut



- G** Galvabond
- H** Hot Dip Galvanised
- S** Stainless Steel



**H** Hot Dip Galvanised  
**S** Stainless Steel





**Specifications**

- Standard Length 6.0 metres.
- Overall height 130 mm
- Cable laying depth 112 mm

**Surface Finish**

**Available Finish**

Hot Dip Galvanised  
Stainless Steel

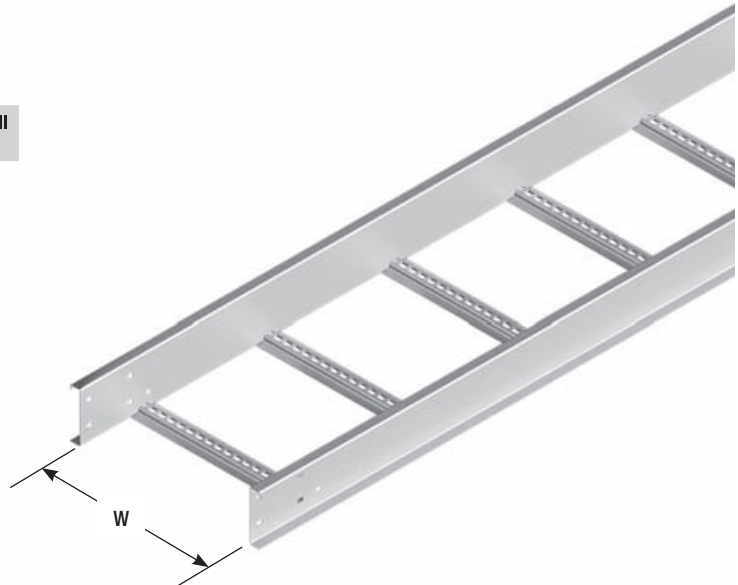
**Code**

H  
S

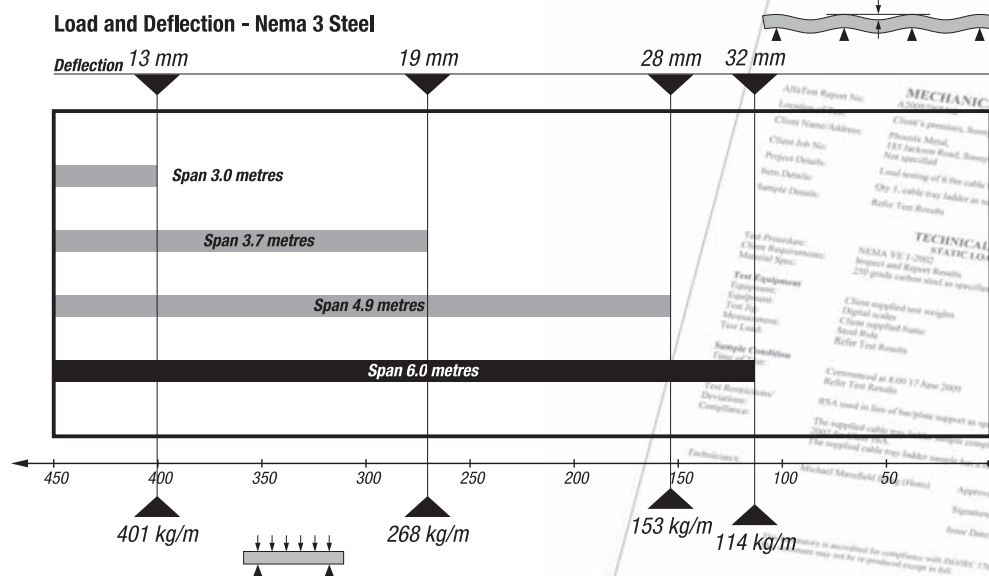
**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.

Cable Laying Width W mm	Ordering Code		Width Overall mm
	Hot Dip Galvanised	Stainless Steel	
150	N3L150H	N3L150S	214
300	N3L300H	N3L300S	364
450	N3L450H	N3L450S	514
600	N3L600H	N3L600S	664
900	N3L900H	N3L900S	964



**Nema 3 Cable Ladder**



Nema 3 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.



**Specifications**

- Standard Length 6.0 metres.
- Overall height 130 mm
- Cable laying depth 112 mm

**Surface Finish****Available Finish**

Hot Dip Galvanised  
Stainless Steel

**Code**

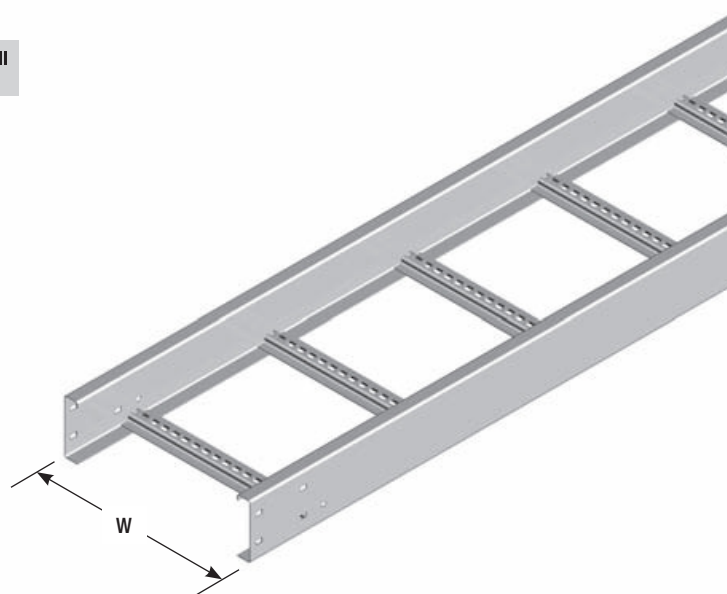
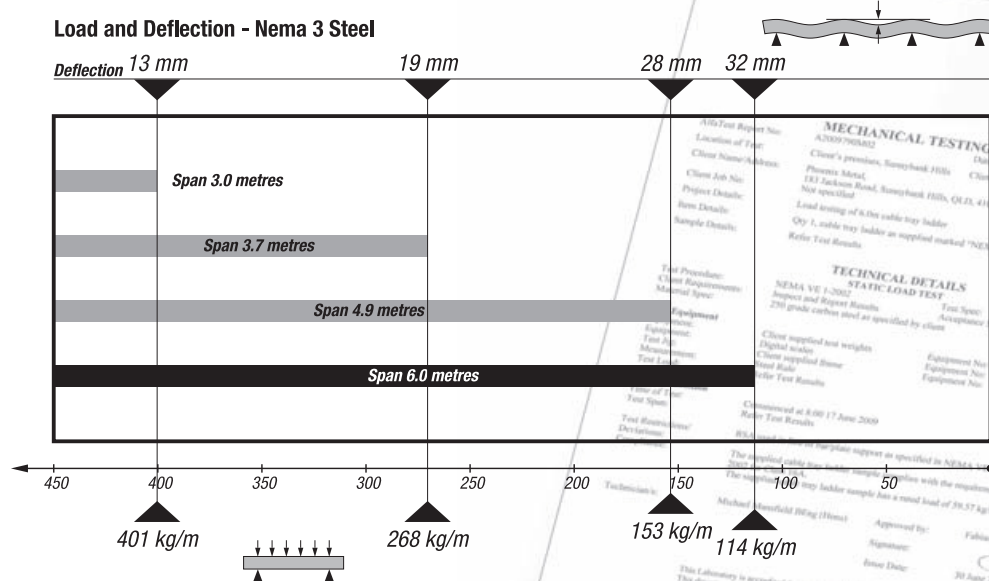
H  
S

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.

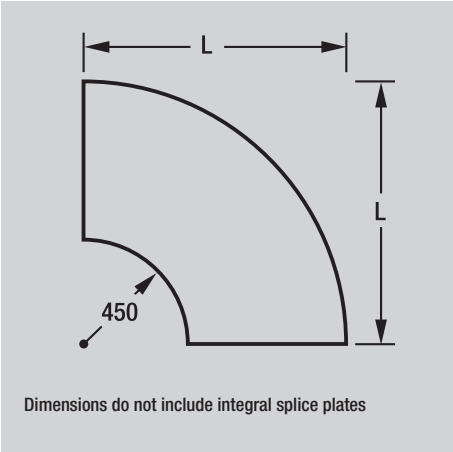
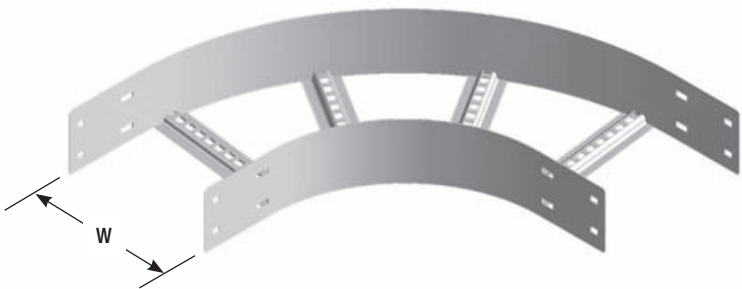
**Standard Product in Western Australia**

Cable Laying Width W mm	Ordering Code		Width Overall mm
	Hot Dip Galvanised	Stainless Steel	
150	N3L150RIH	N3L150RIS	154
300	N3L300RIH	N3L300RIS	304
450	N3L450RIH	N3L450RIS	454
600	N3L600RIH	N3L600RIS	604
900	N3L900RIH	N3L900RIS	904

**Nema 3 Cable Ladder**

Nema 3 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.





Order fasteners separately for installation. 16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

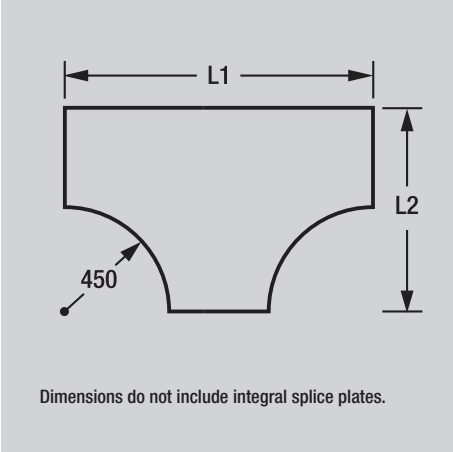
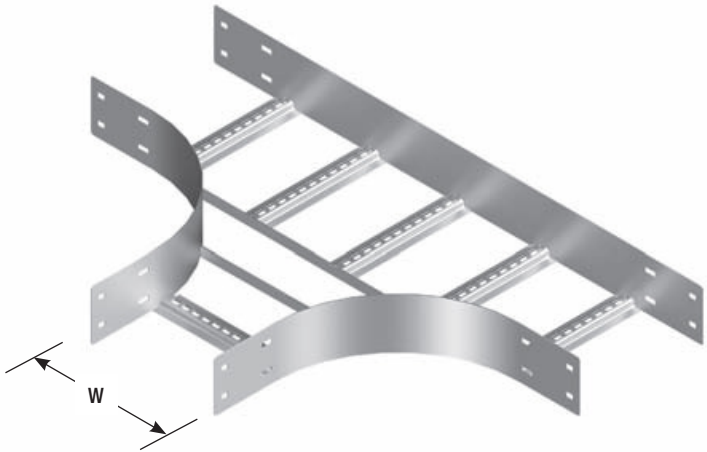
Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Stainless Steel is only manufactured against firm orders and is non returnable.

Ordering Code	Width W mm	Length L mm
N3B1504	150	600
N3B3004	300	750
N3B4504	450	900
N3B6004	600	1050
N3B9004	900	1350

● H Hot Dip Galvanised  
● S Stainless Steel

NEMA 3 Cable Ladder - Bend



Order fasteners separately for installation.  
24 x Splice Bolts (SBH) & 24 x Splice Nuts (SNH) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Stainless Steel is only manufactured against firm orders and is non returnable.

Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N3T1504	150	1050	600
N3T3004	300	1200	750
N3T4504	450	1350	900
N3T6004	600	1500	1050
N3T9004	900	1800	1350

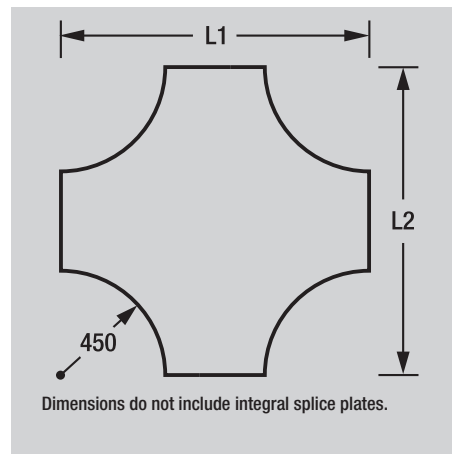
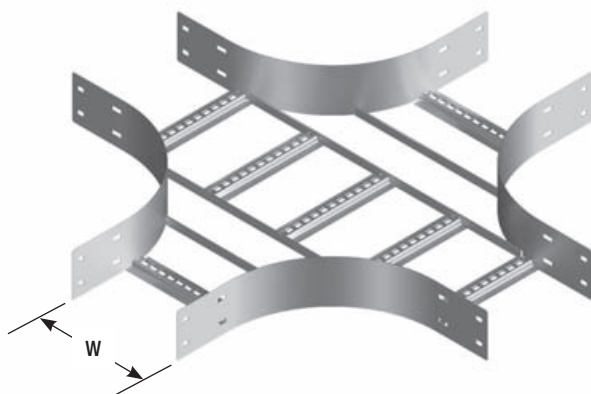
● H Hot Dip Galvanised  
● S Stainless Steel

NEMA 3 Cable Ladder - Tee









Order fasteners separately for installation.  
32 x Splice Bolts (SBH) & 32 x Splice Nuts (SNH) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Stainless Steel is only manufactured against firm orders and is non returnable.

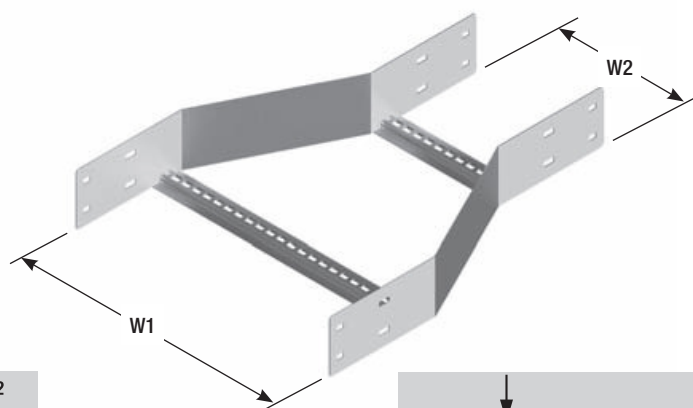
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
<b>N3C1504</b>	150	1050	1050
<b>N3C3004</b>	300	1200	1200
<b>N3C4504</b>	450	1350	1350
<b>N3C6004</b>	600	1500	1500
<b>N3C9004</b>	900	1800	1800

● **H** Hot Dip Galvanised  
— **S** Stainless Steel

### NEMA 3 Cable Ladder - Cross

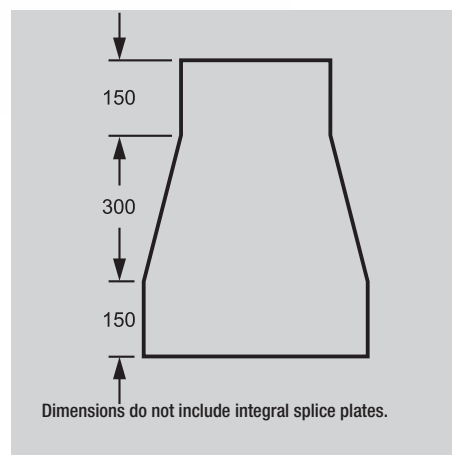
Order fasteners separately for installation.  
16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
<b>N3SR300150</b>	300	150
<b>N3SR450150</b>	450	150
<b>N3SR450300</b>	450	300
<b>N3SR600150</b>	600	150
<b>N3SR600300</b>	600	300
<b>N3SR600450</b>	600	450
<b>N3SR900150</b>	900	150
<b>N3SR900300</b>	900	300
<b>N3SR900450</b>	900	450
<b>N3SR900600</b>	900	600

● **H** Hot Dip Galvanised  
— **S** Stainless Steel



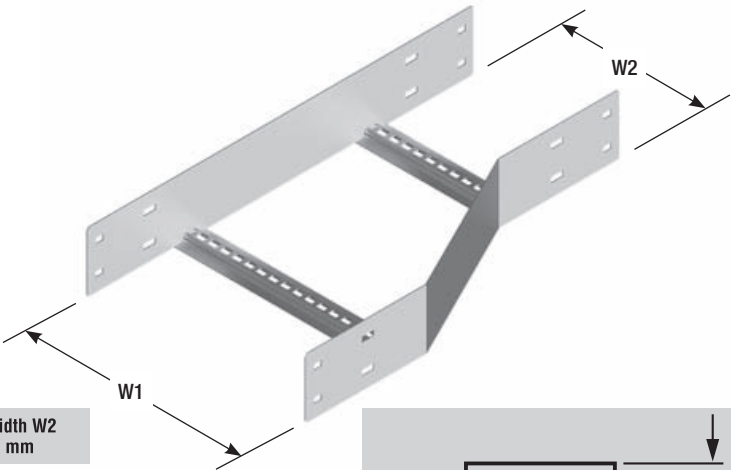
### NEMA 3 Cable Ladder - Straight Reducer



Order fasteners separately for installation.

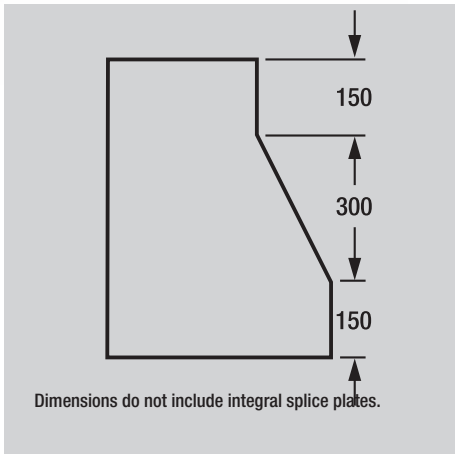
16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N3LHR300150	300	150
N3LHR450150	450	150
N3LHR450300	450	300
N3LHR600150	600	150
N3LHR600300	600	300
N3LHR600450	600	450
N3LHR900150	900	150
N3LHR900300	900	300
N3LHR900450	900	450
N3LHR900600	900	600

● H Hot Dip Galvanised  
● S Stainless Steel

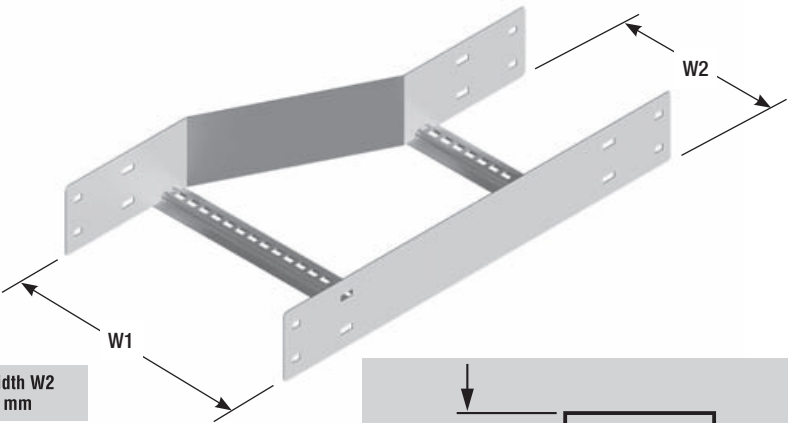


NEMA 3 Cable Ladder - Left Hand Reducer

Order fasteners separately for installation.

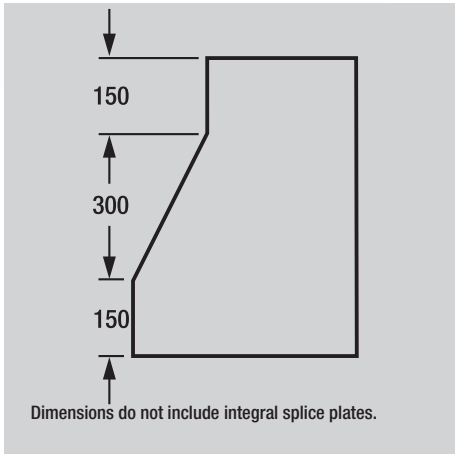
16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N3RHR300150	300	150
N3RHR450150	450	150
N3RHR450300	450	300
N3RHR600150	600	150
N3RHR600300	600	300
N3RHR600450	600	450
N3RHR900150	900	150
N3RHR900300	900	300
N3RHR900450	900	450
N3RHR900600	900	600

● H Hot Dip Galvanised  
● S Stainless Steel



NEMA 3 Cable Ladder - Right Hand Reducer



Ordering Code: **N3S**

Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.

Ordering Code

**N3S**

● **H** Hot Dip Galvanised  
 — **S** Stainless Steel



### NEMA 3 Splice

Ordering Code: **N3VS**

Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.

Ordering Code

**N3VS**

● **H** Hot Dip Galvanised  
 — **S** Stainless Steel



### NEMA 3 Vertical Splice

Ordering Code: **N3HS**

Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.

Ordering Code

**N3HS**

● **H** Hot Dip Galvanised  
 — **S** Stainless Steel



### NEMA 3 Horizontal Splice



Special counterbore nuts ensure that correct tension is achieved during installation.



SB &amp; SN

**H** Hot Dip Galvanised  
**S** Stainless Steel

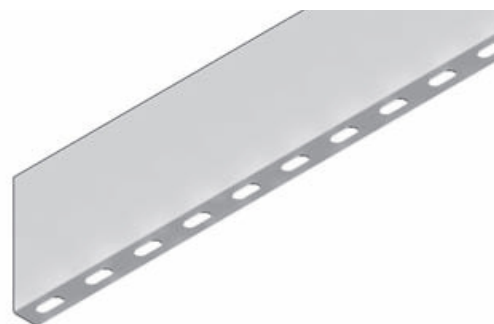
Ordering Code: **N3CCS** (stainless steel)



Note: Order B3016 and PS620 separately for installation.

DSN3

**G** Galvabond  
**H** Hot Dip Galvanised  
**S** Stainless Steel



### NEMA 3 Divider Strip



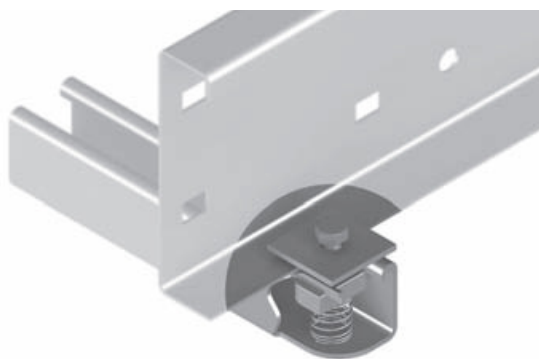
Ordering Code: **B1064**

Hold Down Bracket can be supplied complete with spring nut (B1010H-M12) and screw (HS1230H).

Kit ordering code: **N3HDKH**

Hot dip galvanised fasteners are supplied separately.

Note: Should be used in pairs.



Ordering Code

**B1064** \_

- **H** Hot Dip Galvanised
- **S** Stainless Steel

### NEMA 3 Hold Down Bracket

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**Specifications**

- Standard Length 6.0 metres.
- Overall height 150 mm
- Cable laying depth 130 mm

**Surface Finish****Available Finish**

Hot Dip Galvanised  
Stainless Steel

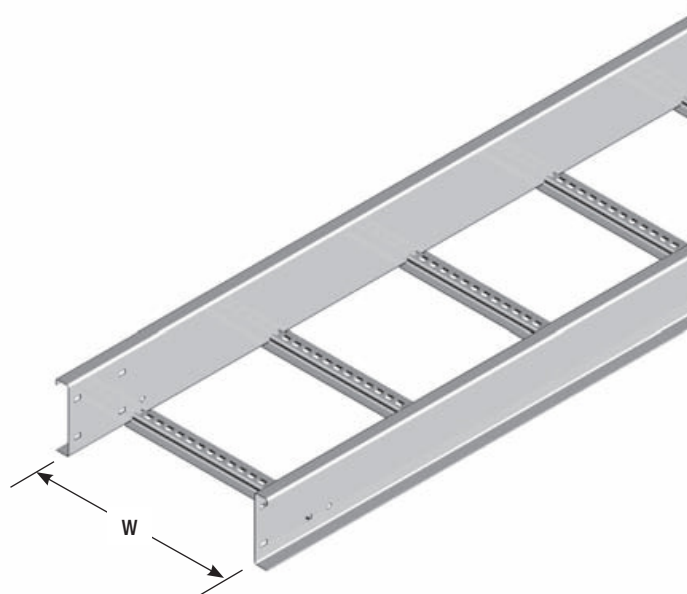
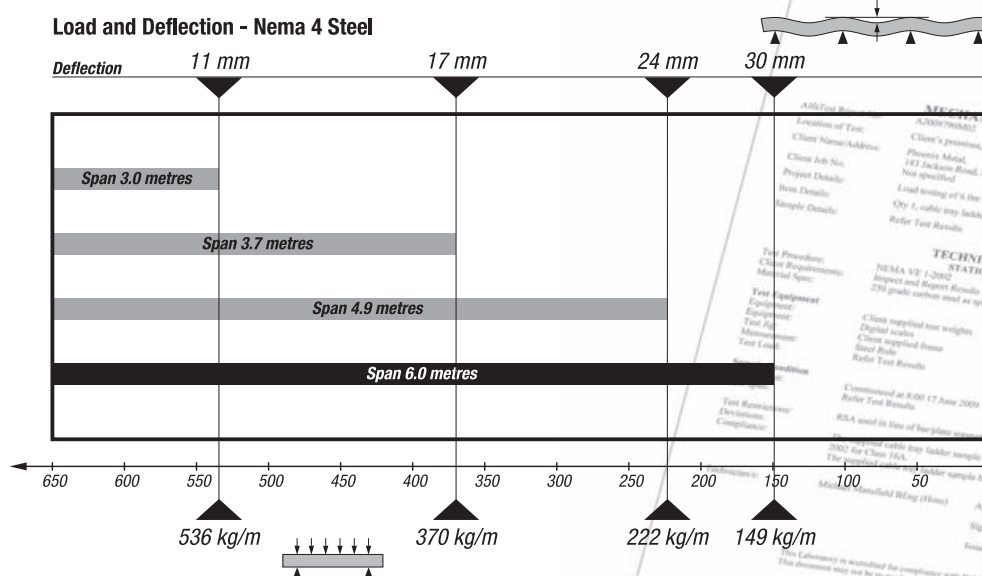
**Code**

H  
S

**Note**

- Stainless steel products are manufactured against firm orders only and are non returnable.

Cable Laying Width W mm	Ordering Code		Width Overall mm
	Hot Dip Galvanised	Stainless Steel	
150	N4L150H	N4L150S	214
300	N4L300H	N4L300S	364
450	N4L450H	N4L450S	514
600	N4L600H	N4L600S	664
900	N4L900H	N4L900S	964

**Nema 4 Cable Ladder**

Nema 4 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.



**Specifications**

- Standard Length 6.0 metres.
- Overall height 150 mm
- Cable laying depth 130 mm

**Surface Finish**

**Available Finish**

- Hot Dip Galvanised
- Stainless Steel

**Code**

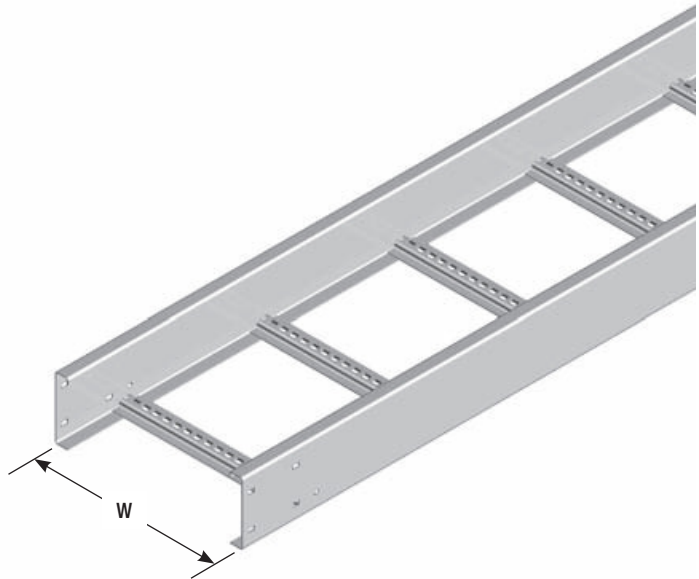
- H
- S

**Note**

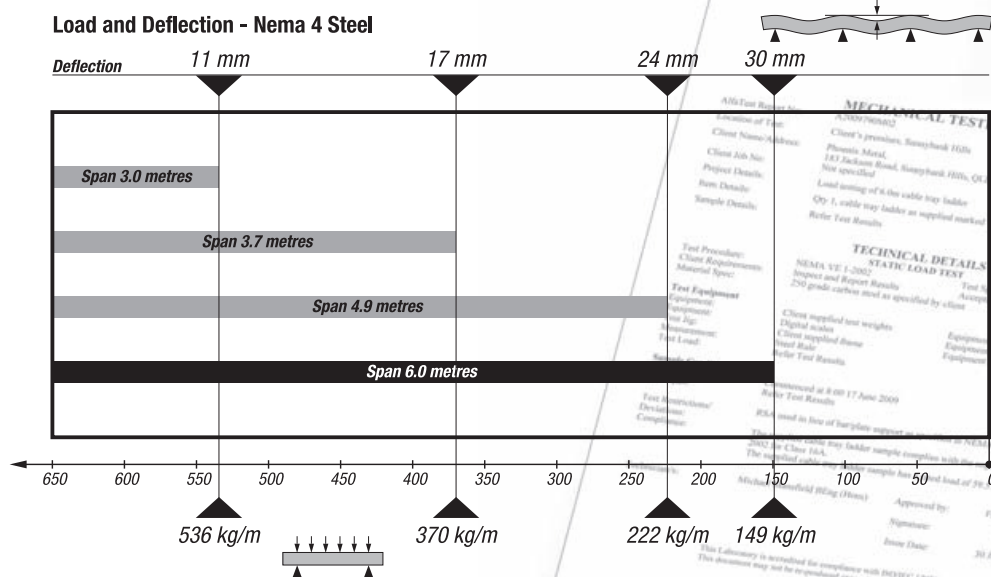
- Stainless steel products are manufactured against firm orders only and are non returnable.

**Standard Product in Western Australia**

Cable Laying Width W mm	Ordering Code		Width Overall mm
	Hot Dip Galvanised	Stainless Steel	
150	N4L150RIH	N4L150RIS	154
300	N4L300RIH	N4L300RIS	304
450	N4L450RIH	N4L450RIS	454
600	N4L600RIH	N4L600RIS	604
900	N4L900RIH	N4L900RIS	904

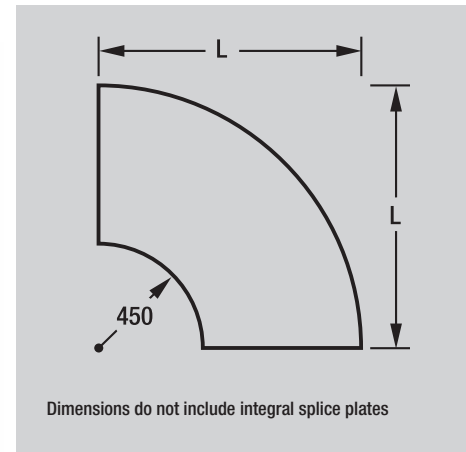


**Nema 4 Cable Ladder**



Nema 4 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans, and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2, non compliance may affect the overall product performance.

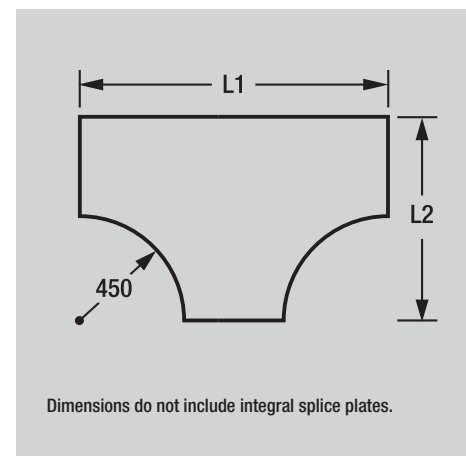




Stainless Steel is only manufactured against firm orders and is non returnable.

Ordering Code	Width W mm	Length L mm
N4B1504	150	600
N4B3004	300	750
N4B4504	450	900
N4B6004	600	1050
N4B9004	900	1350

## NEMA 4 Cable Ladder - Bend

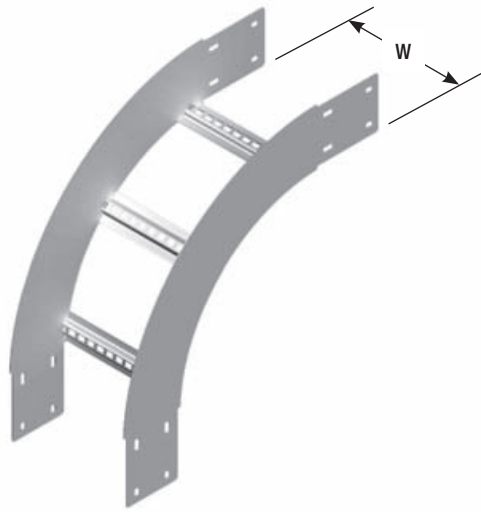


Stainless Steel is only manufactured against firm orders and is non returnable.

Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N4T1504	150	1050	600
N4T3004	300	1200	750
N4T4504	450	1350	900
N4T6004	600	1500	1050
N4T9004	900	1800	1350

### NEMA 4 Cable Ladder - Tee

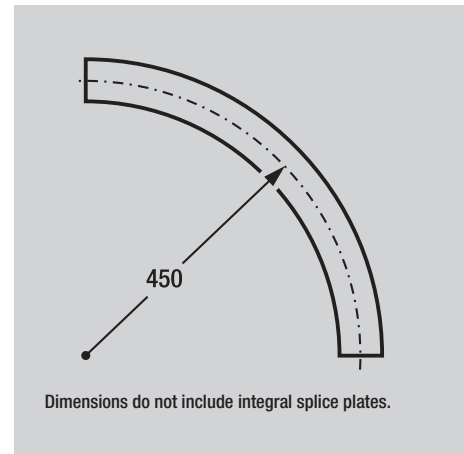





Order fasteners separately for installation. 16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.

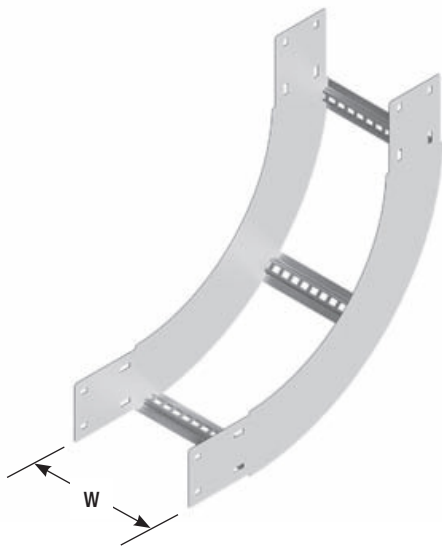
Stainless Steel is only manufactured against firm orders and is non returnable.



Ordering Code	Width W mm
N4ER1504	150
N4ER3004	300
N4ER4504	450
N4ER6004	600
N4ER9004	900


**H** Hot Dip Galvanised  
**S** Stainless Steel

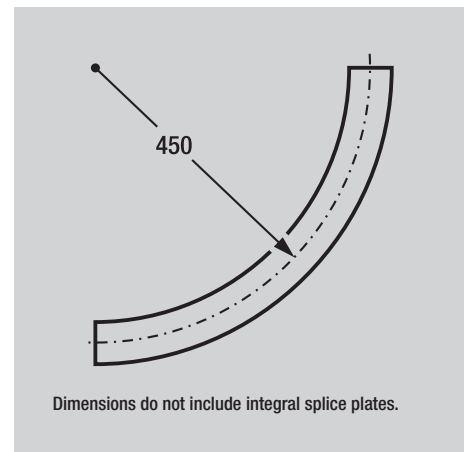
### NEMA 4 Cable Ladder - External Riser




Order fasteners separately for installation. 16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Stainless Steel is only manufactured against firm orders and is non returnable.

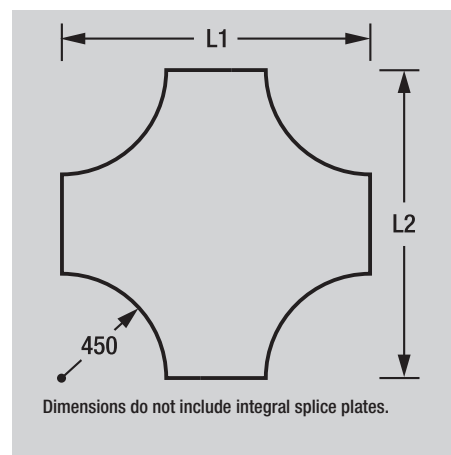
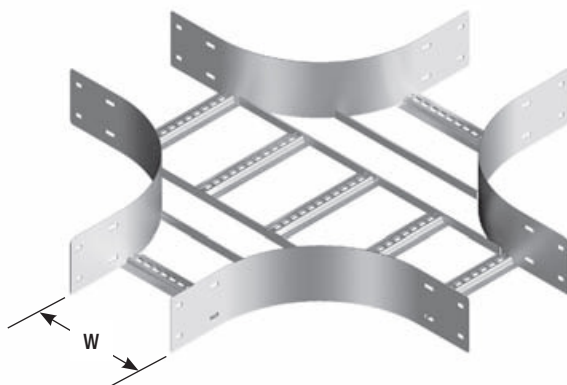


Ordering Code	Width W mm
N4IR1504	150
N4IR3004	300
N4IR4504	450
N4IR6004	600
N4IR9004	900


**H** Hot Dip Galvanised  
**S** Stainless Steel

### NEMA 4 Cable Ladder - Internal Riser





Order fasteners separately for installation.  
32 x Splice Bolts (SBH) & 32 x Splice Nuts (SNH) required.

Non standard radius fittings can be manufactured against firm orders, and are non returnable.

Stainless Steel is only manufactured against firm orders and is non returnable.

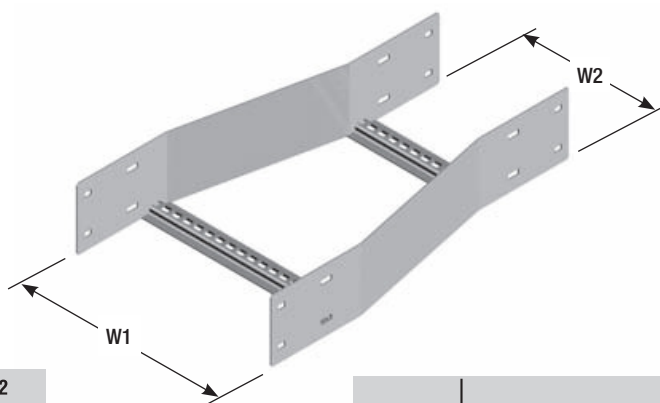
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N4C1504	150	1050	1050
N4C3004	300	1200	1200
N4C4504	450	1350	1350
N4C6004	600	1500	1500
N4C9004	900	1800	1800

● H Hot Dip Galvanised  
— S Stainless Steel

### NEMA 4 Cable Ladder - Cross

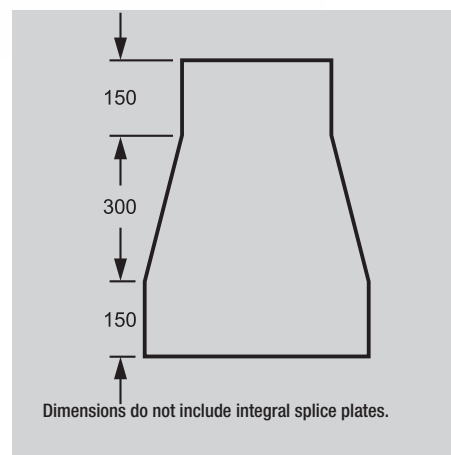
Order fasteners separately for installation.  
16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N4SR300150	300	150
N4SR450150	450	150
N4SR450300	450	300
N4SR600150	600	150
N4SR600300	600	300
N4SR600450	600	450
N4SR900150	900	150
N4SR900300	900	300
N4SR900450	900	450
N4SR900600	900	600

● H Hot Dip Galvanised  
— S Stainless Steel



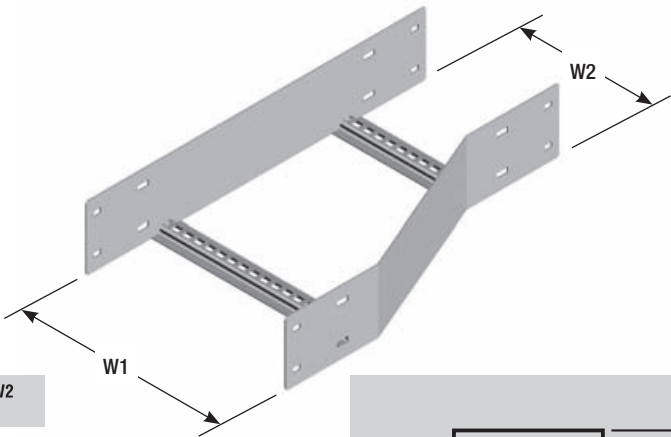
### NEMA 4 Cable Ladder - Straight Reducer



Order fasteners separately for installation.

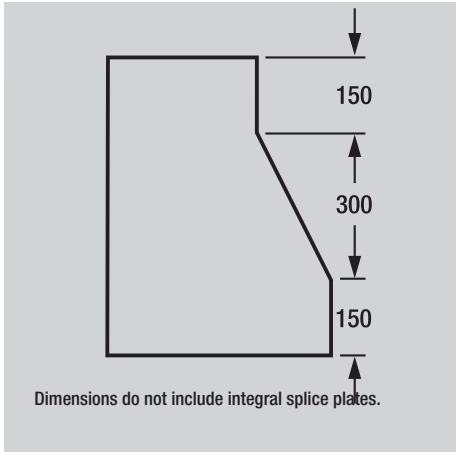
16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders, and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N4LHR300150	300	150
N4LHR450150	450	150
N4LHR450300	450	300
N4LHR600150	600	150
N4LHR600300	600	300
N4LHR600450	600	450
N4LHR900150	900	150
N4LHR900300	900	300
N4LHR900450	900	450
N4LHR900600	900	600

- H Hot Dip Galvanised
- S Stainless Steel

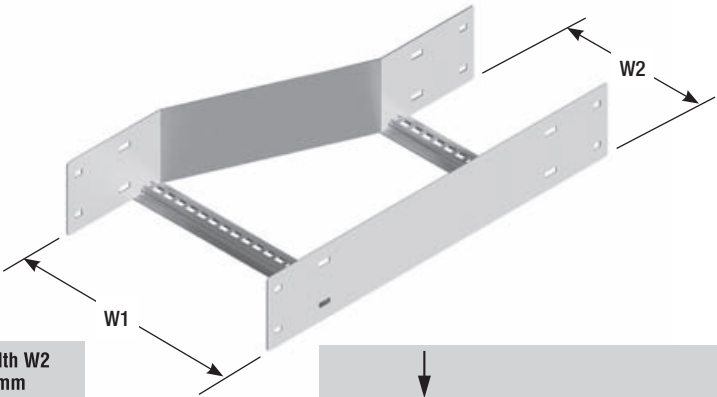


**NEMA 4 Cable Ladder - Left Hand Reducer**

Order fasteners separately for installation.

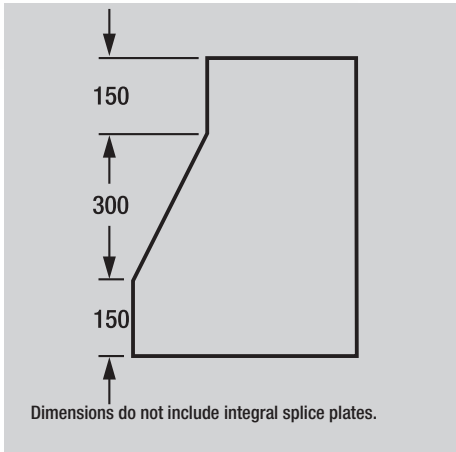
16 x Splice Bolts (SBH) & 16 x Splice Nuts (SNH) required.

All Reducers are manufactured against firm orders and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N4RHR300150	300	150
N4RHR450150	450	150
N4RHR450300	450	300
N4RHR600150	600	150
N4RHR600300	600	300
N4RHR600450	600	450
N4RHR900150	900	150
N4RHR900300	900	300
N4RHR900450	900	450
N4RHR900600	900	600

- H Hot Dip Galvanised
- S Stainless Steel



**NEMA 4 Cable Ladder - Right Hand Reducer**



Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.

**N4S**

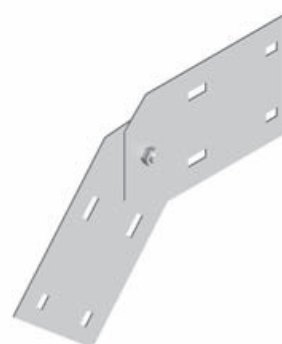
**H** Hot Dip Galvanised  
**S** Stainless Steel



Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.

## N4VS

**H** Hot Dip Galvanised  
**S** Stainless Steel



Note - Order splice bolts & nuts separately, SBH or SBS and SNH or SNS.

**N4HS**

**H** Hot Dip Galvanised  
**S** Stainless Steel



Splice Bolts have a smooth head to eliminate the risk of sheathing the cable during installation. Special counterbore nuts ensure that correct tension is achieved during installation.



## CABLE SUPPORT SYSTEMS



Ordering Code: **N4CCS** (stainless steel)



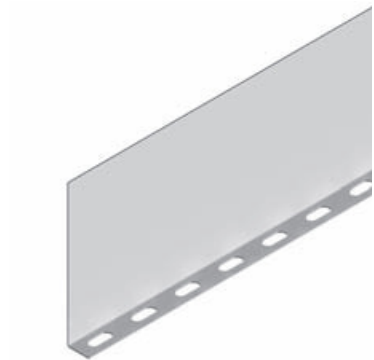
## NEMA 4 Cover Clamp

Ordering Code: **DSN4**

Standard Finish: Galvabond. Hot dip galvanised and stainless steel can be supplied against a firm order.

Standard Length: 3.0 metres

Note: Order B3016 and PS620 separately for installation.

**Ordering Code**

DSN4

- G** Galvabond
- H** Hot Dip Galvanised
- S** Stainless Steel

## NEMA 4 Divider Strip

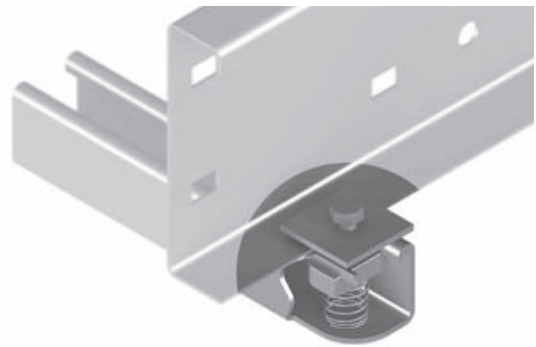
Ordering Code: **B1064**

Hold Down Bracket can be supplied complete with spring nut (B1010H M12) and screw (HS1230H).

Kit ordering code: **N3HDKH**

Hot dip galvanised fasteners are supplied separately.

Note: Should be used in pairs.

**Ordering Code**

**B1064**

- **H** Hot Dip Galvanised  
 — **S** Stainless Steel

## NEMA 4 Hold Down Bracket



### Specifications

- Standard Length 6.0 metres.
- Cable Ladder Rung Spacing 333 mm
- Cable laying depth 45 mm

### Surface Finish

#### Available Finish

Hot Dip Galvanised to AS/NZ 4680:2005

### Note

- Fire Rated trapeze to suit Nema 2 Rail In Ladder. The trapeze is pre-drilled to suit M12 HDG threaded rod and is sold separately.

### TRAPEZE

Ordering Code	Ladder Width mm	Length mm	Centres mm
TSN2150FRH	150	260	210
TSN2300FRH	300	410	360
TSN2450FRH	450	560	510
TSN2600FRH	600	710	660

The Nema 2 Fire Rated System complies with **Australian and New Zealand Standard AS3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 deg. Centigrade. Fire rating only applies when used as a complete system.

Custom fittings are available upon request.

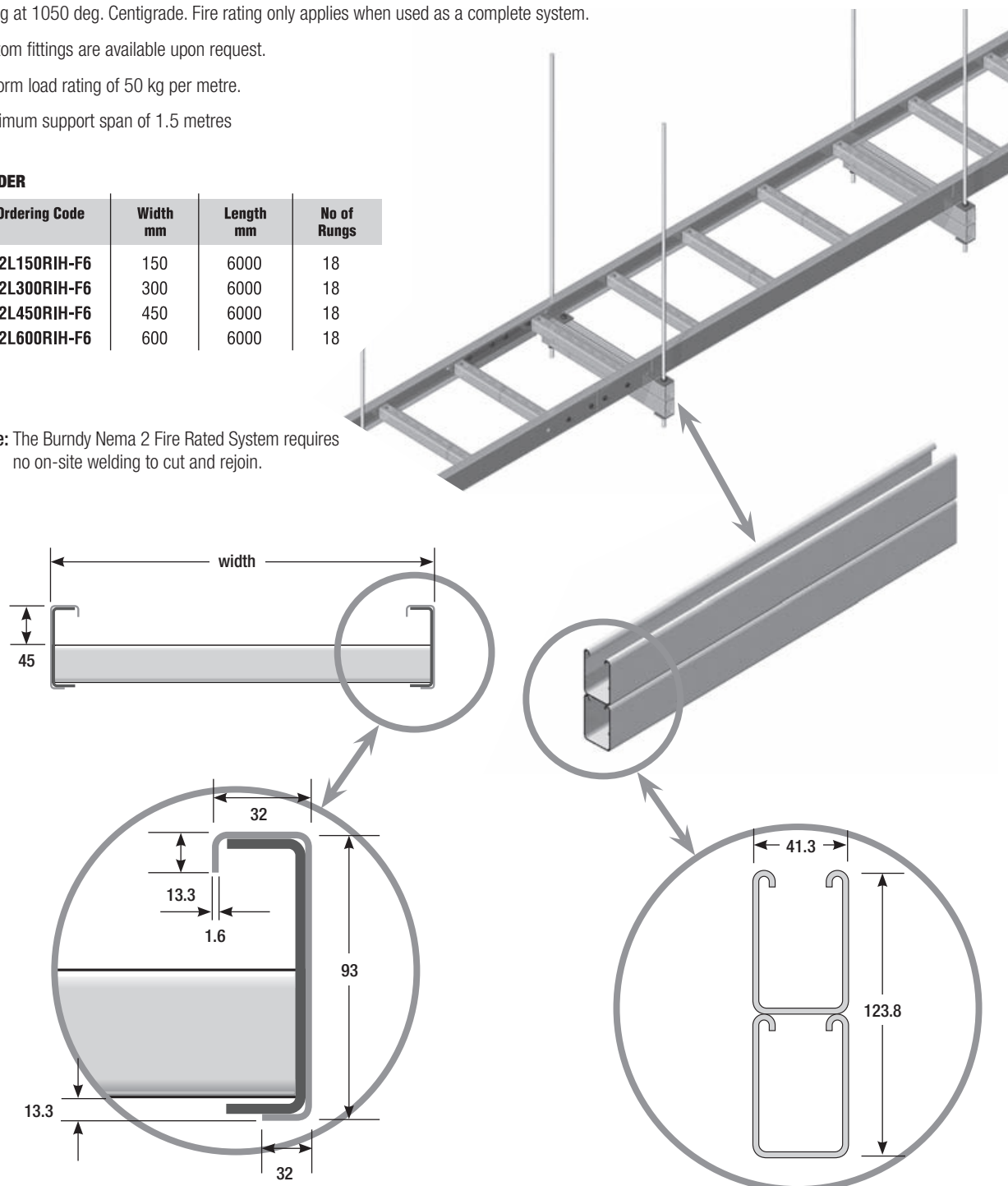
Uniform load rating of 50 kg per metre.

Maximum support span of 1.5 metres

### LADDER

Ordering Code	Width mm	Length mm	No of Rungs
N2L150RIH-F6	150	6000	18
N2L300RIH-F6	300	6000	18
N2L450RIH-F6	450	6000	18
N2L600RIH-F6	600	6000	18

**Note:** The Burndy Nema 2 Fire Rated System requires no on-site welding to cut and rejoin.



### Nema 2 Fire Rated Cable Ladder



- Specifications

- Standard Length 6.0 metres.
  - Cable Ladder Rung Spacing 333 mm
  - Cable laying depth 84 mm
- Surface Finish

Available Finish

Hot Dip Galvanised to AS/NZ 4680:2005
- Note

- Fire Rated trapeze to suit Nema 2 Rail In Ladder.

The trapeze is pre-drilled to suit M12 HDG threaded rod and is sold separately.

TRAPEZE

Ordering Code	Ladder Width mm	Length mm	Centres mm
TSN3150FRH	150	260	210
TSN3300FRH	300	410	360
TSN3450FRH	450	560	510
TSN3600FRH	600	710	660

The Nema 3 Fire Rated System complies with **Australian and New Zealand Standard AS3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 deg. Centigrade. Fire rating only applies when used as a complete system.

Custom fittings are available upon request.

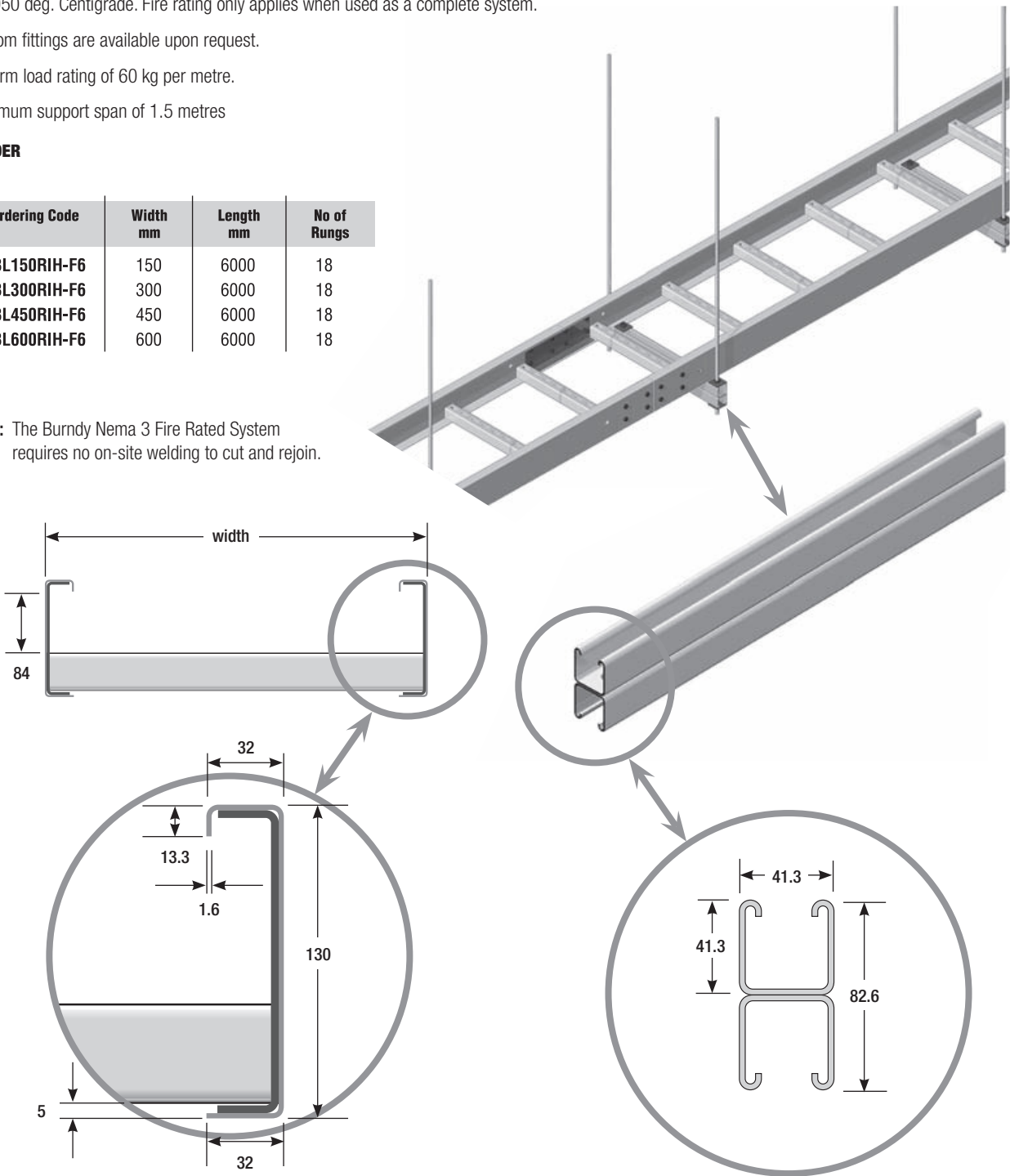
Uniform load rating of 60 kg per metre.

Maximum support span of 1.5 metres

LADDER

Ordering Code	Width mm	Length mm	No of Rungs
N3L150RIH-F6	150	6000	18
N3L300RIH-F6	300	6000	18
N3L450RIH-F6	450	6000	18
N3L600RIH-F6	600	6000	18

**Note:** The Burndy Nema 3 Fire Rated System requires no on-site welding to cut and rejoin.



Nema 3 Fire Rated Cable Ladder



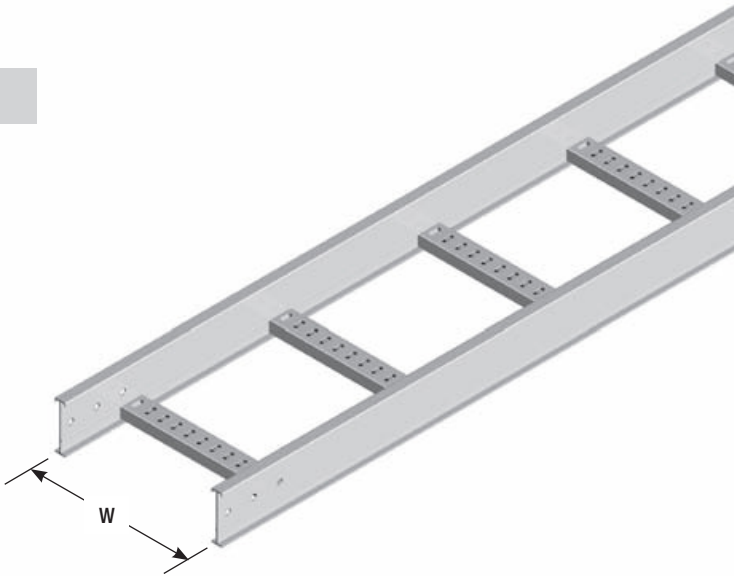
Specifications

- Standard Length 6.0 metres.
- Overall height 100 mm
- Cable laying depth 75 mm

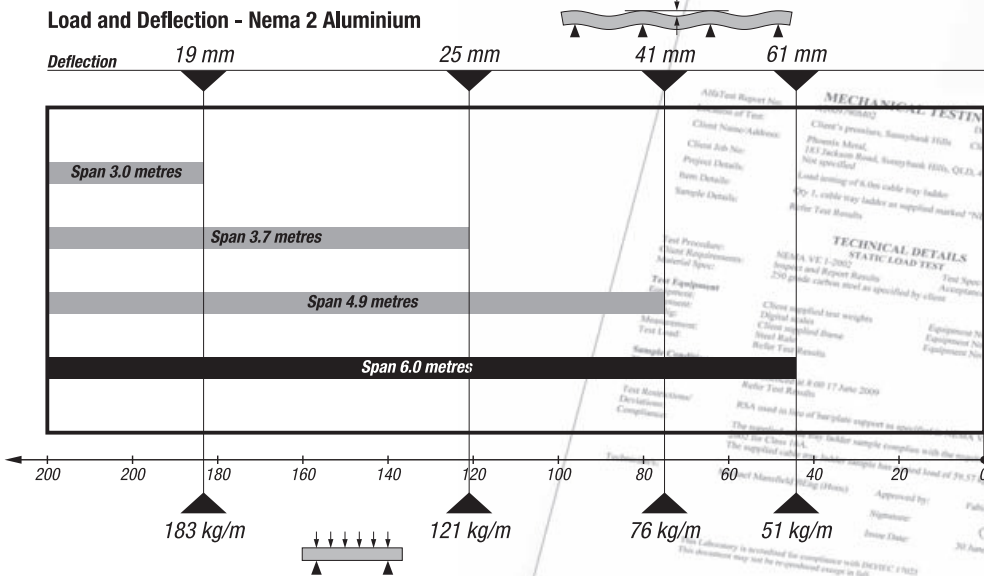
Note

- Aluminium products are manufactured against firm orders only and are non returnable.

Ordering Code	Cable Laying Width W mm	Width Overall W mm
N2L150A	150	184
N2L300A	300	334
N2L450A	450	484
N2L600A	600	634
N2L900A	900	934



Nema 2 Cable Ladder - Aluminium

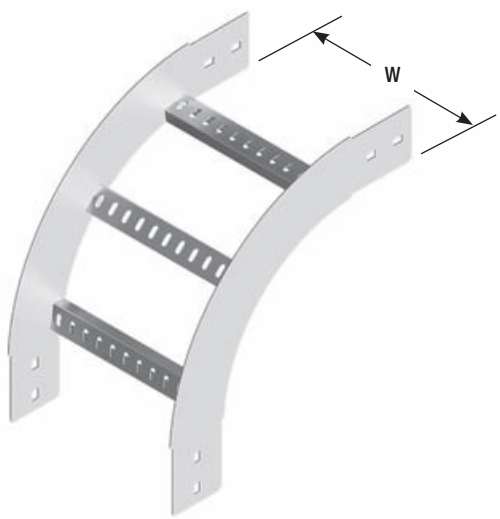


Nema 2 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2. Non compliance may affect the overall product performance.

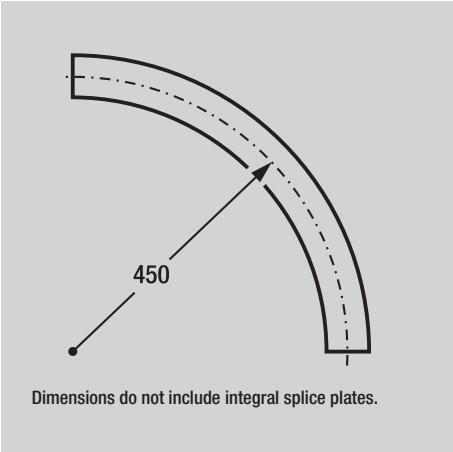






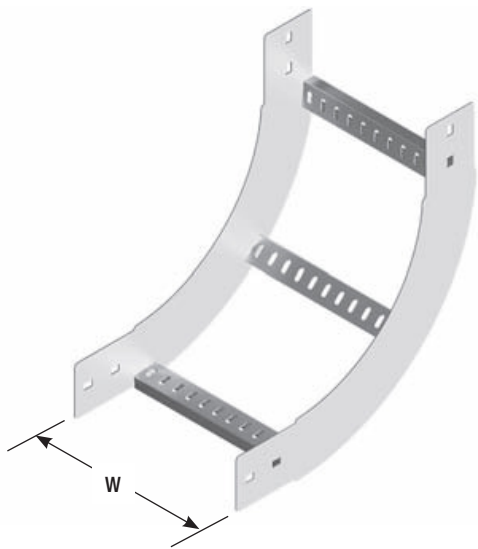


Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

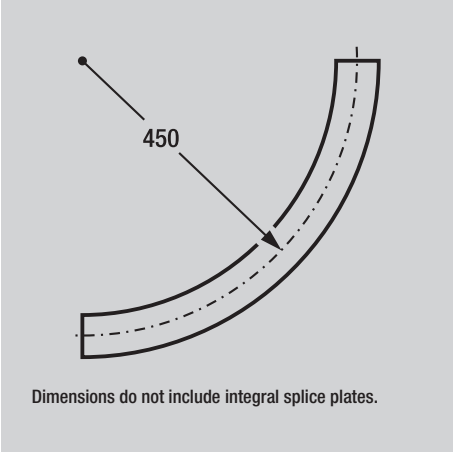


Ordering Code	Width W mm
N2ER1504A	150
N2ER3004A	300
N2ER4504A	450
N2ER6004A	600
N2ER9004A	900

NEMA 2 Cable Ladder - External Riser - Aluminium



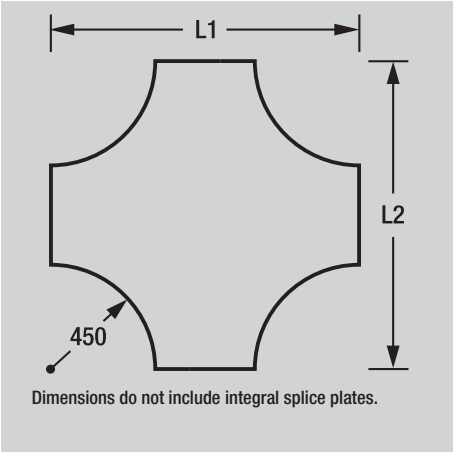
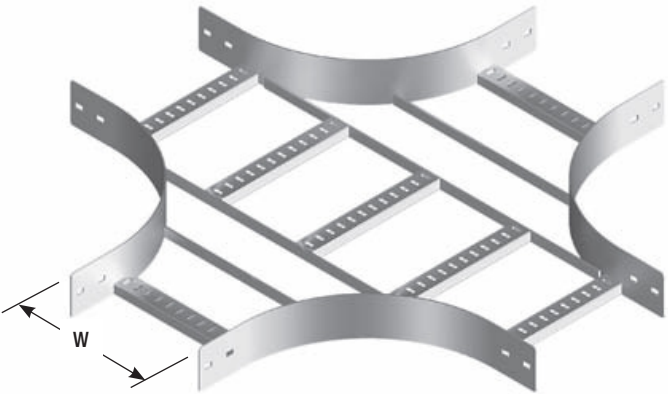
Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.



Ordering Code	Width W mm
N2IR1504A	150
N2IR3004A	300
N2IR4504A	450
N2IR6004A	600
N2IR9004A	900

NEMA 2 Cable Ladder - Internal Riser - Aluminium

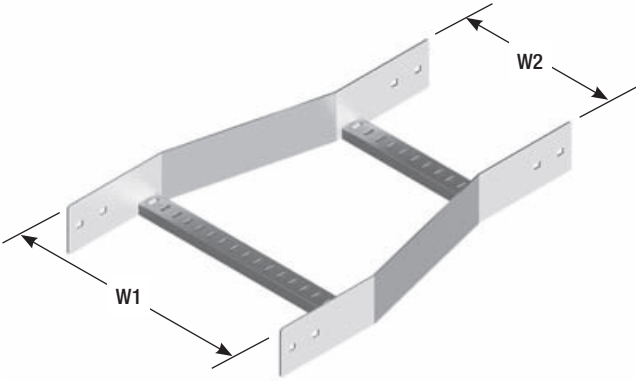




Order fasteners separately for installation.  
16 x Splice Bolts (SBS) & 16 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

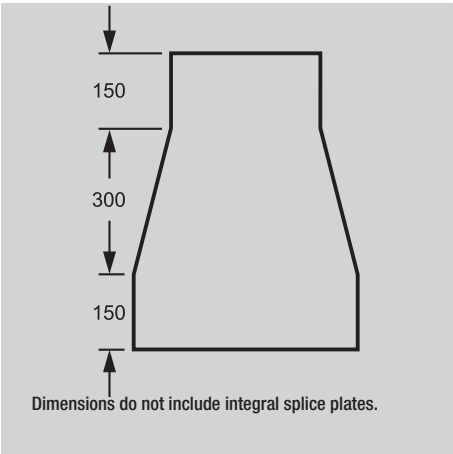
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N2C1504A	150	1050	1050
N2C3004A	300	1200	1200
N2C4504A	450	1350	1350
N2C6004A	600	1500	1500
N2C9004A	900	1800	1800

NEMA 2 Cable Ladder - Cross - Aluminium



Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

Ordering Code	Width W1 mm	Width W2 mm
N2SR300150A	300	150
N2SR450150A	450	150
N2SR450300A	450	300
N2SR600150A	600	150
N2SR600300A	600	300
N2SR600450A	600	450
N2SR900150A	900	150
N2SR900300A	900	300
N2SR900450A	900	450
N2SR900600A	900	600



NEMA 2 Cable Ladder - Straight Reducer - Aluminium

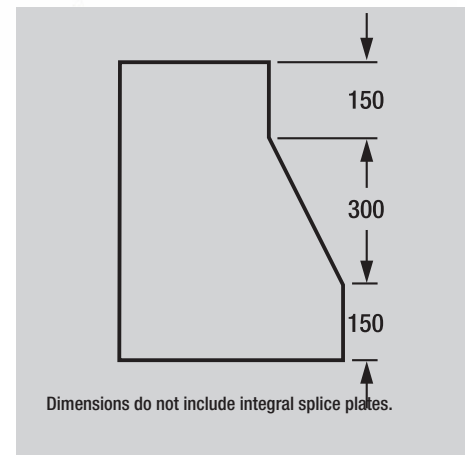
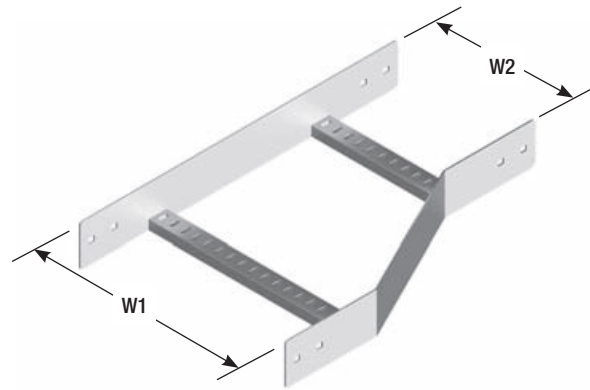


Order fasteners separately for installation.

8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.

All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

Ordering Code	Width W1 mm	Width W2 mm
N2LHR300150A	300	150
N2LHR450150A	450	150
N2LHR450300A	450	300
N2LHR600150A	600	150
N2LHR600300A	600	300
N2LHR600450A	600	450
N2LHR900150A	900	150
N2LHR900300A	900	300
N2LHR900450A	900	450
N2LHR900600A	900	600



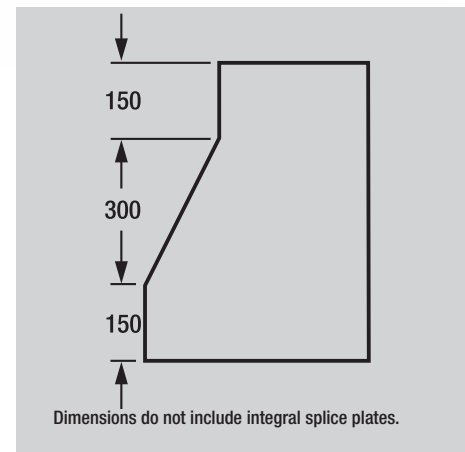
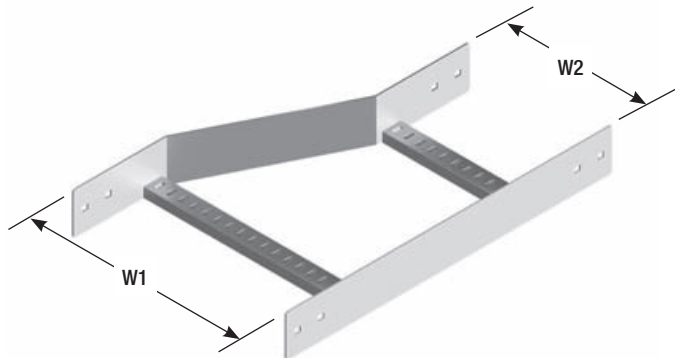
#### NEMA 2 Cable Ladder - Left Hand Reducer - Aluminium

Order fasteners separately for installation.

8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.

All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

Ordering Code	Width W1 mm	Width W2 mm
N2RHR300150A	300	150
N2RHR450150A	450	150
N2RHR450300A	450	300
N2RHR600150A	600	150
N2RHR600300A	600	300
N2RHR600450A	600	450
N2RHR900150A	900	150
N2RHR900300A	900	300
N2RHR900450A	900	450
N2RHR900600A	900	600



#### NEMA 2 Cable Ladder - Right Hand Reducer - Aluminium



Ordering Code: **N2SA**

Note: Order splice bolts & nuts separately, SBS and SNS.



**NEMA 2 Splice Plate - Aluminium**

Ordering Code: **N2VSA**

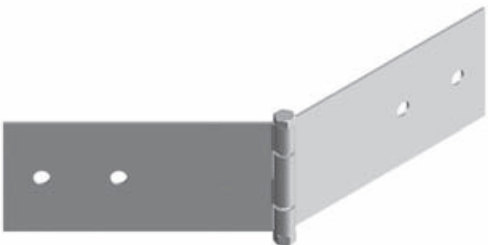
Note: Order splice bolts & nuts separately, SBS and SNS.



**NEMA 2 Vertical Splice Plate - Aluminium**

Ordering Code: **N2HSA**

Note: Order splice bolts & nuts separately, SBS and SNS.

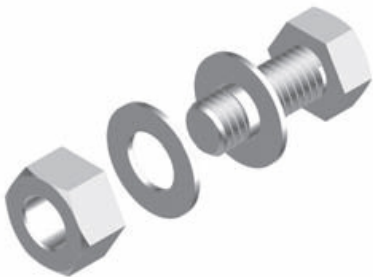


**NEMA 2 Horizontal Splice Plate - Aluminium**

Stainless steel fasteners can be supplied for additional protection in harsh conditions. However these should only be used in conjunction with appropriate insulating bushes in order to prevent electrolytic reaction between dissimilar metals.

Stainless steel screws used in conjunction with insulators are only available in hex head type.

- Ordering Codes:
- |               |                    |
|---------------|--------------------|
| <b>HS820S</b> | M8 x 20 hex screw  |
| <b>HN8S</b>   | hex nut            |
| <b>IF8N</b>   | insulating ferrule |
| <b>FW8N</b>   | nylon washer       |

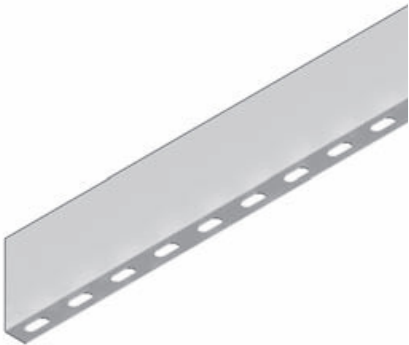


**Stainless Steel Fasteners and Insulating Bushes**



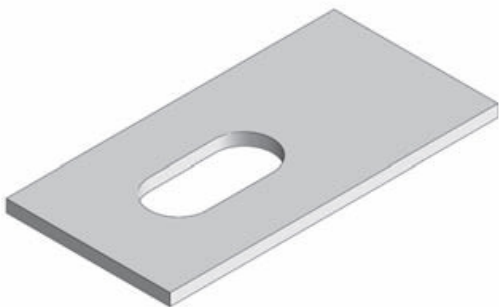
Ordering Code: **DSN2A**

Note: Order B3016 and PS620 separately for installation.



**NEMA 2 Divider Strip - Aluminium**

Ordering Code: **BIFS**



**BIFS Burndy Interface Spacer**

Ordering Code: **N2CCAS**



**Nema 2 Cover Clamp for Aluminium**

channels  
1

nuts & bolts  
2

cantilever  
brackets  
3

channel  
fittings  
4

laddertrays  
5

cable mesh  
6

steel  
ladders  
7

aluminium  
ladders  
8

covers  
9

hyground  
10



Note: Should be used in pairs.



### Hold Down Unit with Insulators



### Insulating Spacer

BTHF x 1

## NEMA 2 Hold Down Unit - Aluminium



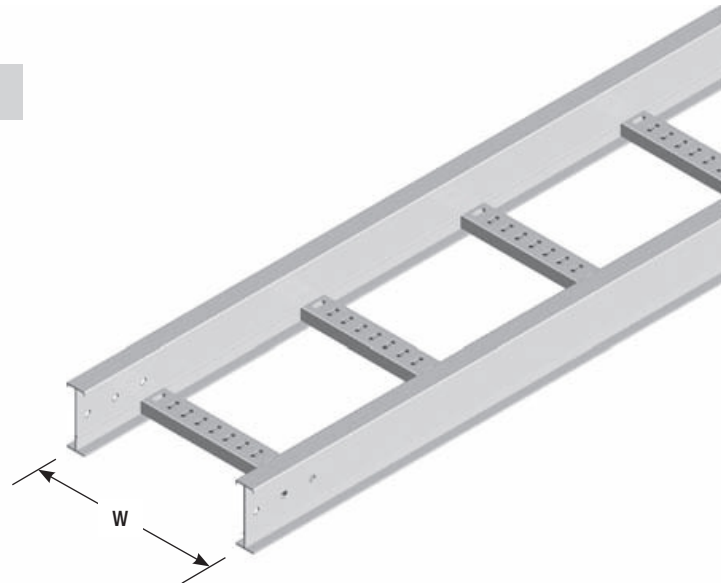
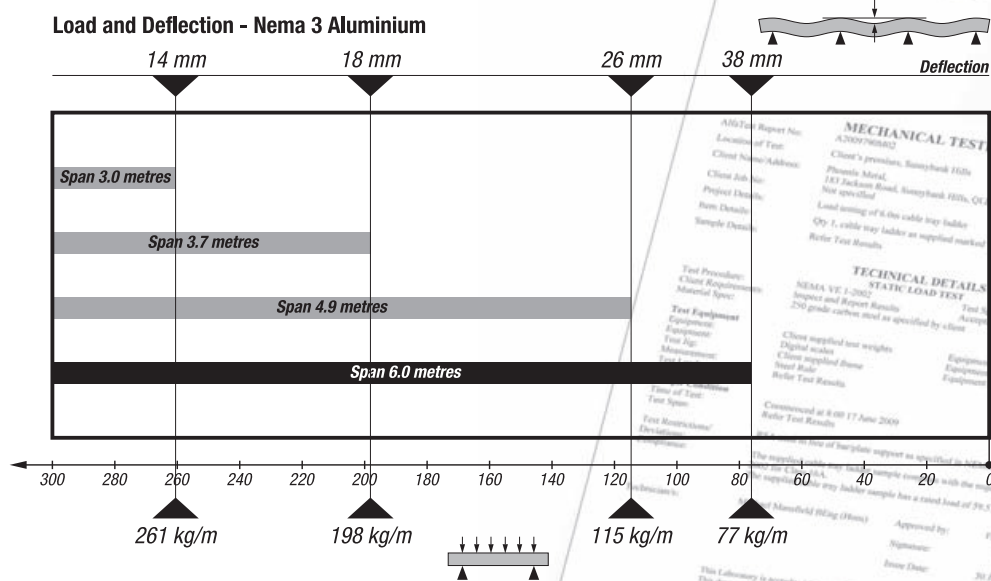
**Specifications**

- Standard Length 6.0 metres.
- Overall height 120 mm
- Cable laying depth 95 mm

**Note**

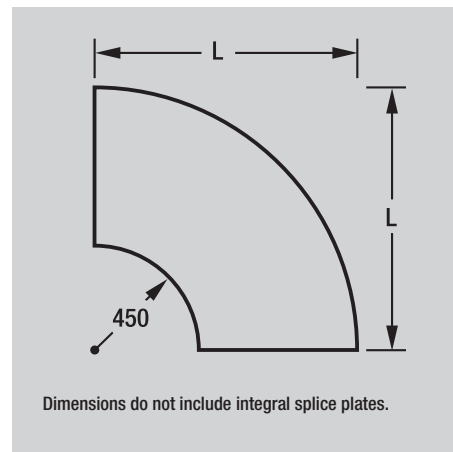
- Aluminium products are manufactured against firm orders only and are non returnable.

Ordering Code	Cable Laying Width W mm	Width Overall W mm
N3L150A	150	184
N3L300A	300	334
N3L450A	450	484
N3L600A	600	634
N3L900A	900	934

**Nema 3 Cable Ladder - Aluminium**

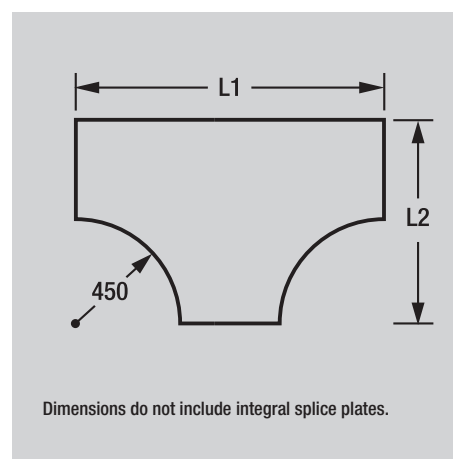
Nema 3 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2. Non compliance may affect the overall product performance.





Ordering Code	Width W mm	Length L mm
N3B1504A	150	600
N3B3004A	300	750
N3B4504A	450	900
N3B6004A	600	1050
N3B9004A	900	1350

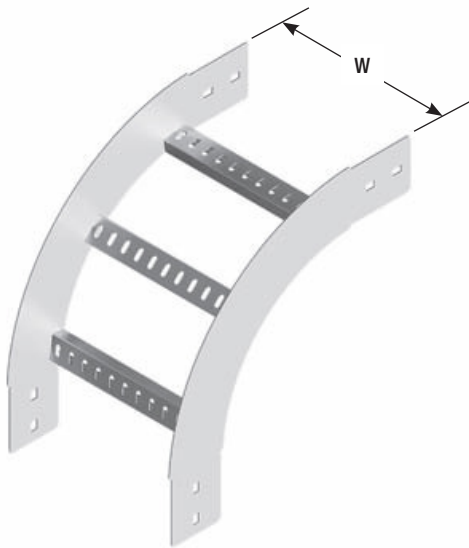
A 3D perspective view of a cable tray assembly. The assembly consists of two long, parallel side rails connected by several cross-braces. The side rails have a U-shaped profile with mounting holes. A dimension line with arrows at both ends is shown at the bottom left, indicating the width of the tray, labeled with the letter  $W$ .



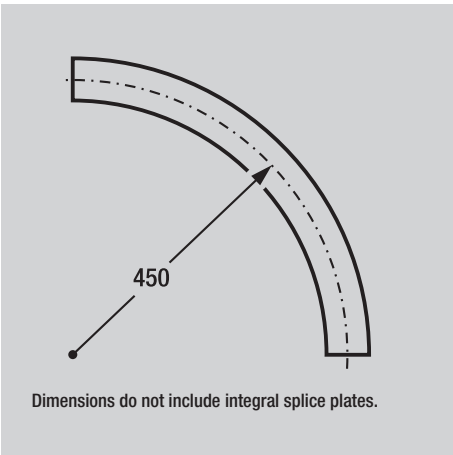
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N3T1504A	150	1050	600
N3T3004A	300	1200	750
N3T4504A	450	1350	900
N3T6004A	600	1500	1050
N3T9004A	900	1800	1350

## 8.10 CABLE SUPPORT SYSTEMS



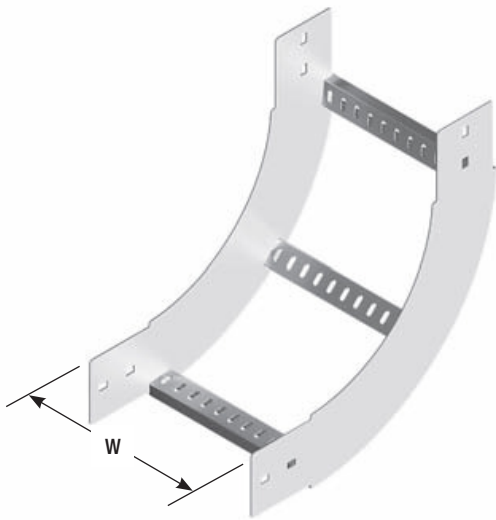


Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

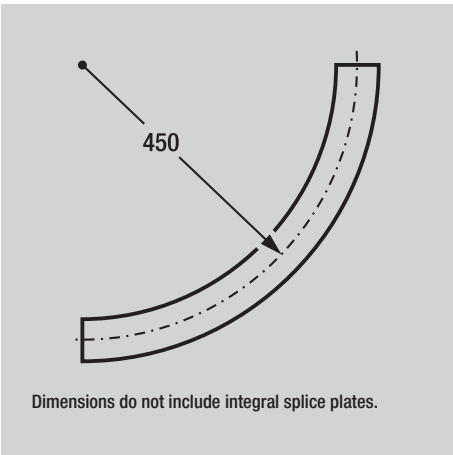


Ordering Code	Width W mm
N3ER1504A	150
N3ER3004A	300
N3ER4504A	450
N3ER6004A	600
N3ER9004A	900

NEMA 3 Cable Ladder - External Riser - Aluminium



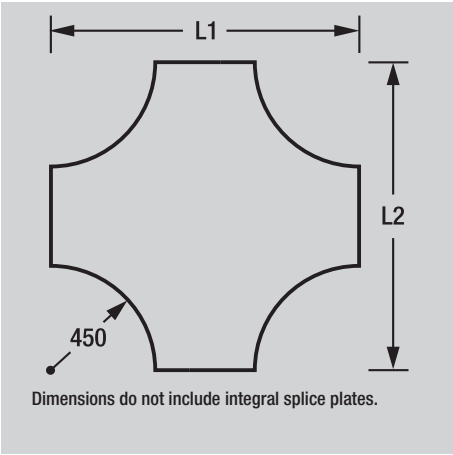
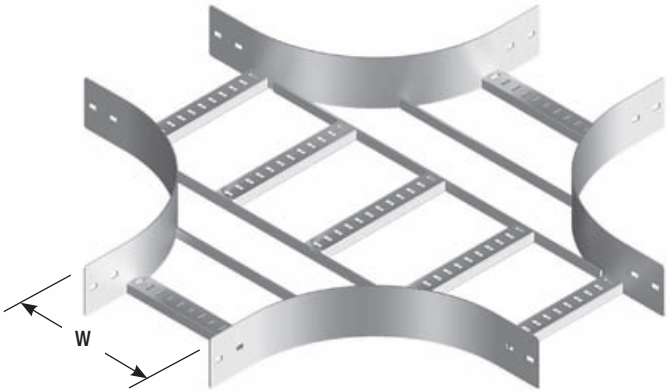
Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.



Ordering Code	Width W mm
N3IR1504A	150
N3IR3004A	300
N3IR4504A	450
N3IR6004A	600
N3IR9004A	900

NEMA 3 Cable Ladder - Internal Riser - Aluminium

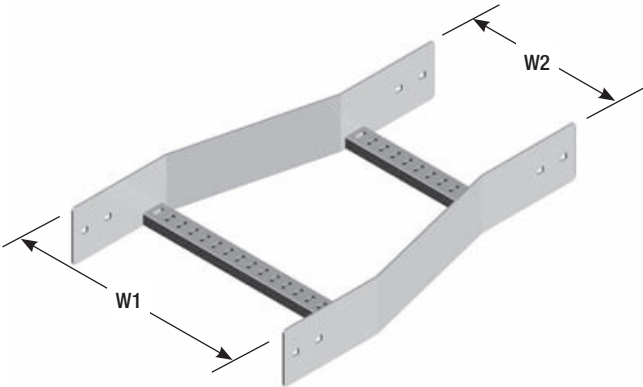




Order fasteners separately for installation.  
16 x Splice Bolts (SBS) & 16 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

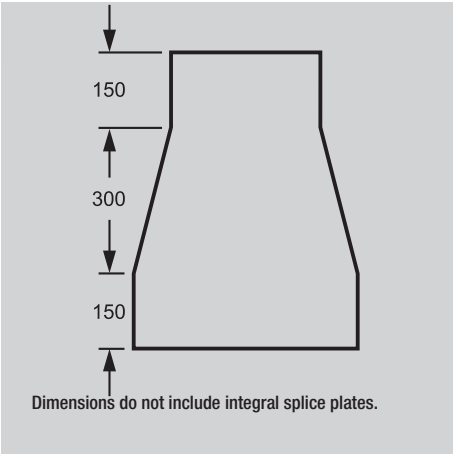
Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N3C1504A	150	1050	1050
N3C3004A	300	1200	1200
N3C4504A	450	1350	1350
N3C6004A	600	1500	1500
N3C9004A	900	1800	1800

NEMA 3 Cable Ladder - Cross - Aluminium



Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

Ordering Code	Width W1 mm	Width W2 mm
N3SR300150A	300	150
N3SR450150A	450	150
N3SR450300A	450	300
N3SR600150A	600	150
N3SR600300A	600	300
N3SR600450A	600	450
N3SR900150A	900	150
N3SR900300A	900	300
N3SR900450A	900	450
N3SR900600A	900	600

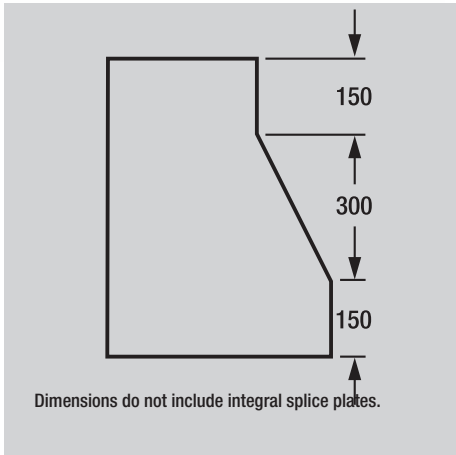
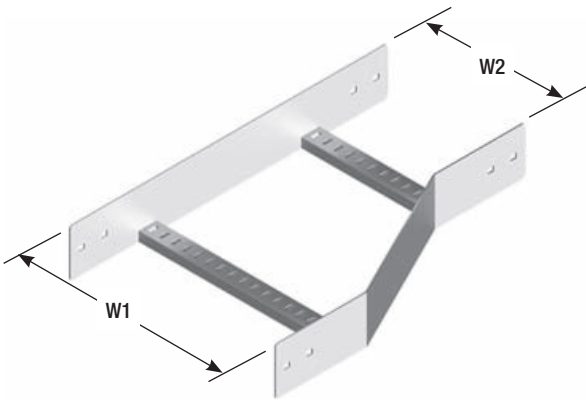


NEMA 3 Cable Ladder - Straight Reducer - Aluminium



Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

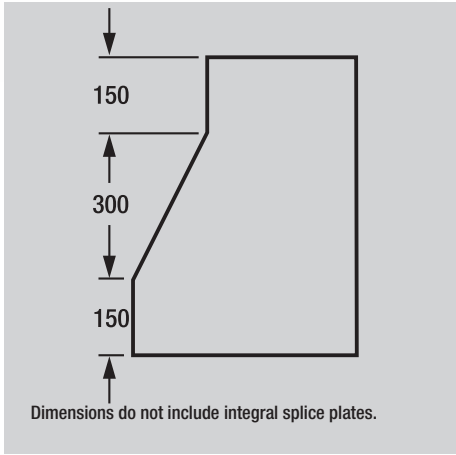
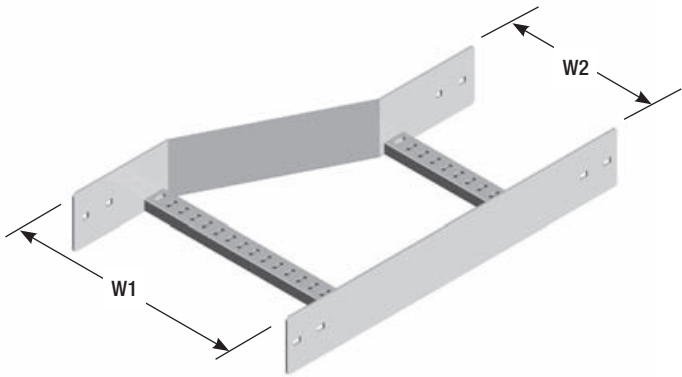
Ordering Code	Width W1 mm	Width W2 mm
N3LHR300150A	300	150
N3LHR450150A	450	150
N3LHR450300A	450	300
N3LHR600150A	600	150
N3LHR600300A	600	300
N3LHR600450A	600	450
N3LHR900150A	900	150
N3LHR900300A	900	300
N3LHR900450A	900	450
N3LHR900600A	900	600



NEMA 3 Cable Ladder - Left Hand Reducer - Aluminium

Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

Ordering Code	Width W1 mm	Width W2 mm
N3RHR300150A	300	150
N3RHR450150A	450	150
N3RHR450300A	450	300
N3RHR600150A	600	150
N3RHR600300A	600	300
N3RHR600450A	600	450
N3RHR900150A	900	150
N3RHR900300A	900	300
N3RHR900450A	900	450
N3RHR900600A	900	600

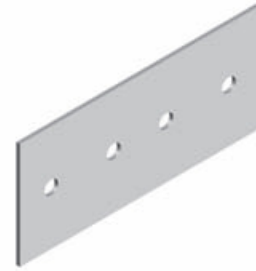


NEMA 3 Cable Ladder - Right Hand Reducer - Aluminium



Ordering Code: **N3SA**

Note: Order splice bolts & nuts separately, SBS and SNS.



## NEMA 3 Splice Plate - Aluminium

Ordering Code: **N3VSA**

Note: Order splice bolts & nuts separately, SBS and SNS.



## NEMA 3 Vertical Splice Plate - Aluminium

Ordering Code: **N3HSA**

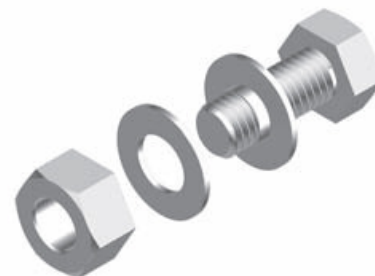
Note: Order splice bolts & nuts separately, SBS and SNS.



### NEMA 3 Horizontal Splice Plate - Aluminium

Stainless steel screws used in conjunction with insulators are only available in hex head type.

Ordering Codes:	<b>HS820S</b>	M8 x 20 hex screw
	<b>HN8S</b>	hex nut
	<b>BTHF</b>	insulating ferrule
	<b>FW8N</b>	nylon washer

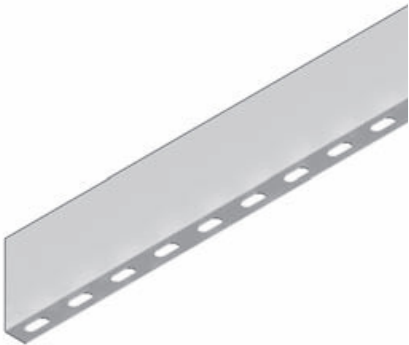


## Stainless Steel Fasteners and Insulating Bushes



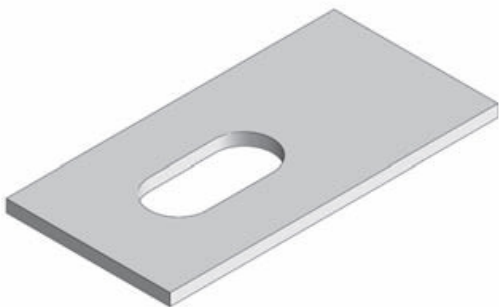
Ordering Code: **DSN3A**

Note: Order B3016 and PS620 separately for installation.



**NEMA 3 Divider Strip - Aluminium**

Ordering Code: **BIFS**



**BIFS Burndy Interface Spacer**

Ordering Code: **N3CCAS**



**Nema 2 Cover Clamp for Aluminium**

1 channels

2 nuts & bolts

3 cantilever brackets

4 channel fittings

5 laddertrays

6 cable mesh

7 steel ladders

8 aluminium ladders

9 covers

10 hyground



Note: Should be used in pairs.



### Hold Down Unit with Insulators



### Insulating Spacer

BTHF x 1

### NEMA 3 Hold Down Unit - Aluminium



**Specifications**

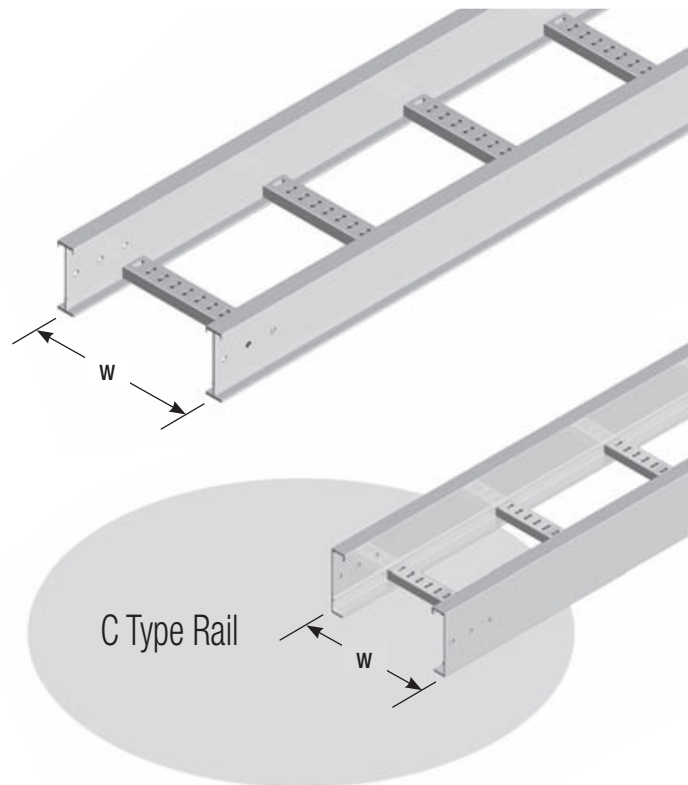
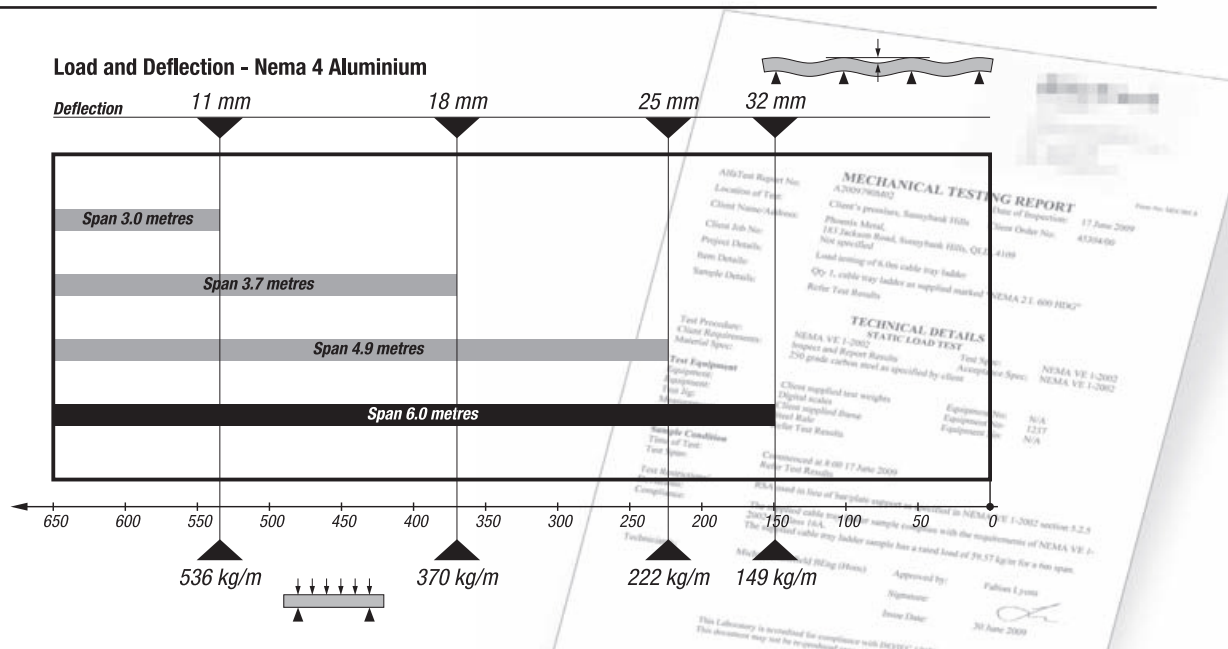
- Standard Length 6.0 metres.
- Overall height 150 mm.
- Cable laying depth 125 mm.

**Note**

- Aluminium products are manufactured against firm orders only and are non returnable.
- Ladders can also be supplied with a 'C' type rail profile.

Ordering Code	Cable Laying Width W mm	Width Overall W mm
N4L150A	150	200
N4L300A	300	350
N4L450A	450	500
N4L600A	600	650
N4L900A	900	950

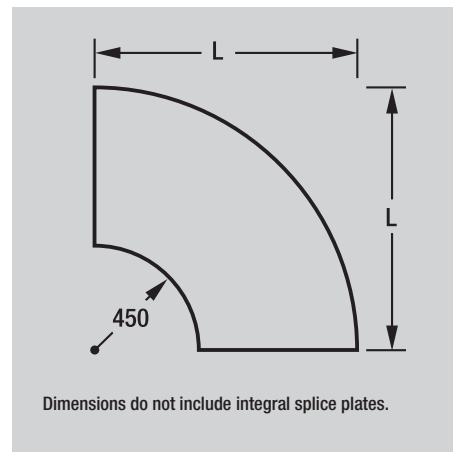
Ordering Code	Cable Laying Width W mm	Width Overall W mm
N4L150RIA	150	155
N4L300RIA	300	305
N4L450RIA	450	455
N4L600RIA	600	605
N4L900RIA	900	905

**Nema 4 Cable Ladder - Aluminium**

Loading may vary for C Type rail. Please consult you nearest sales office for technical information.

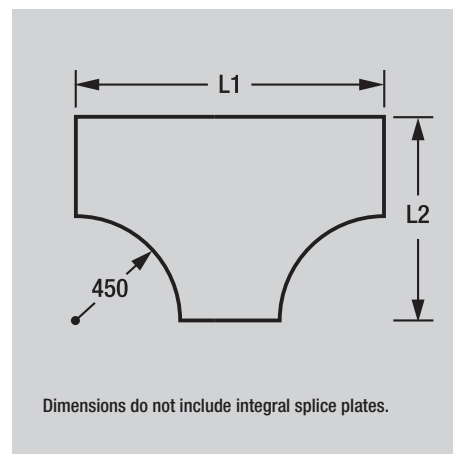
Nema 4 Cable Ladder has been tested in accordance with the Nema requirements by a NATA certified testing facility. The data displayed is based on physical test results of a 600 wide section and may vary for other widths. The Deflections have been provided as a guide based on continuous spans and cannot be applied to end spans. Data provided assumes that the installation will be carried out in accordance with Nema VE2. Non compliance may affect the overall product performance.





Dimensions do not include integral splice plates.

Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

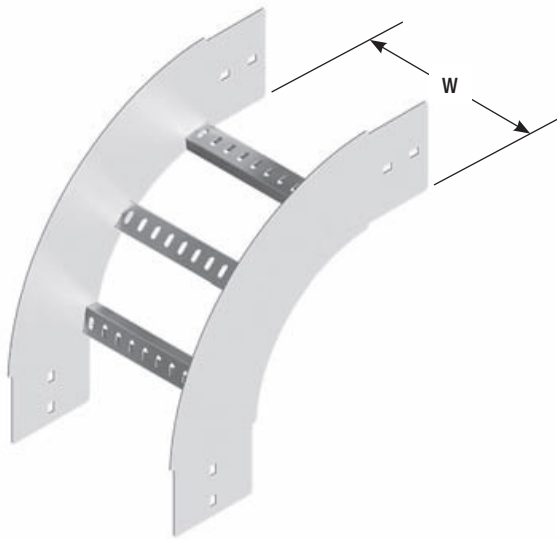


Dimensions do not include integral splice plates.

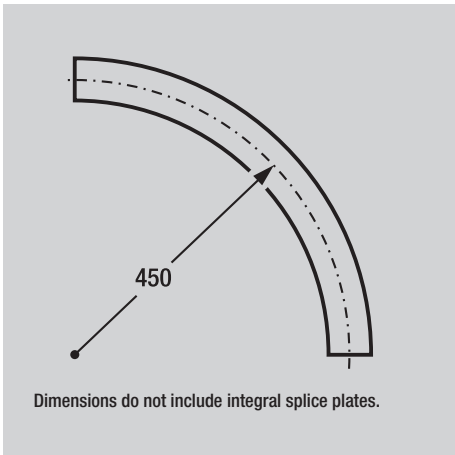
Order fasteners separately for installation.  
12 x Splice Bolts (SBS) & 12 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

## 8.18 CABLE SUPPORT SYSTEMS



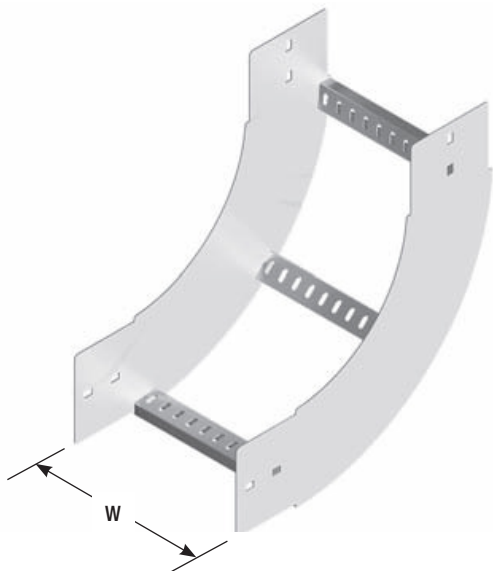


Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.

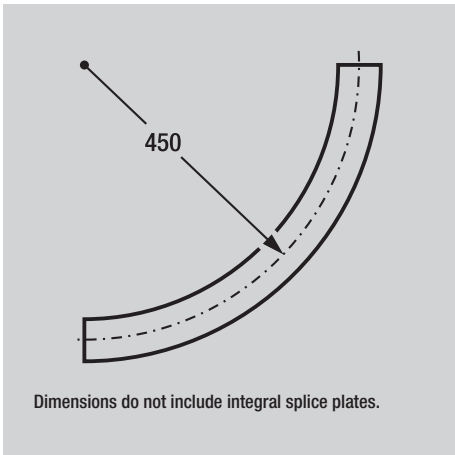


Ordering Code	Width W mm
N4ER1504A	150
N4ER3004A	300
N4ER4504A	450
N4ER6004A	600
N4ER9004A	900

NEMA 4 Cable Ladder - External Riser - Aluminium



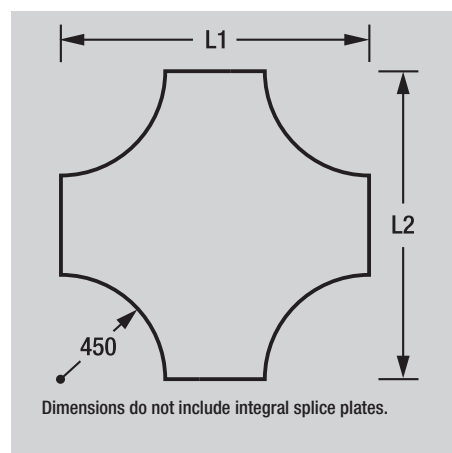
Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium Cable Ladder Fittings are manufactured against firm orders only, and are non returnable.



Ordering Code	Width W mm
N4IR1504A	150
N4IR3004A	300
N4IR4504A	450
N4IR6004A	600
N4IR9004A	900

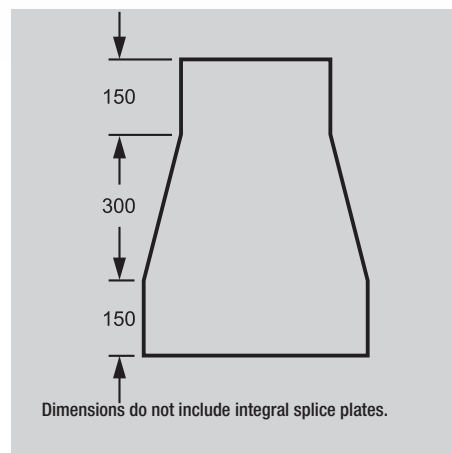
NEMA 4 Cable Ladder - Internal Riser - Aluminium





Ordering Code	Width W mm	Length L1 mm	Length L2 mm
N4C1504A	150	1050	1050
N4C3004A	300	1200	1200
N4C4504A	450	1350	1350
N4C6004A	600	1500	1500
N4C9004A	900	1800	1800

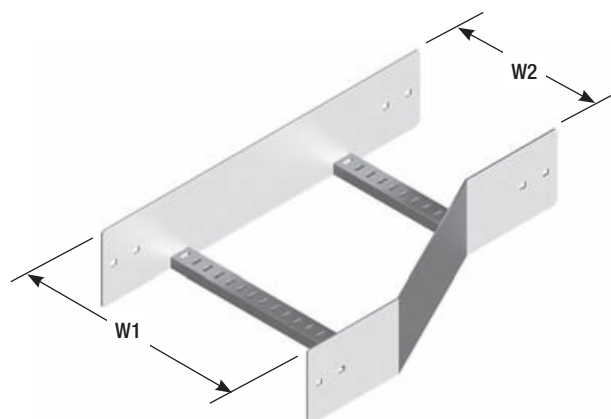
All aluminium cable ladder fittings are manufactured against firm orders and are non returnable.



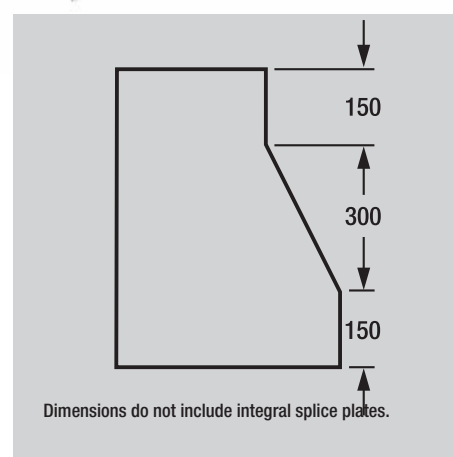
Ordering Code	Width W1 mm	Width W2 mm
N4SR300150A	300	150
N4SR450150A	450	150
N4SR450300A	450	300
N4SR600150A	600	150
N4SR600300A	600	300
N4SR600450A	600	450
N4SR900150A	900	150
N4SR900300A	900	300
N4SR900450A	900	450
N4SR900600A	900	600



Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium cable ladder fittings are manufactured against firm orders and are non returnable.

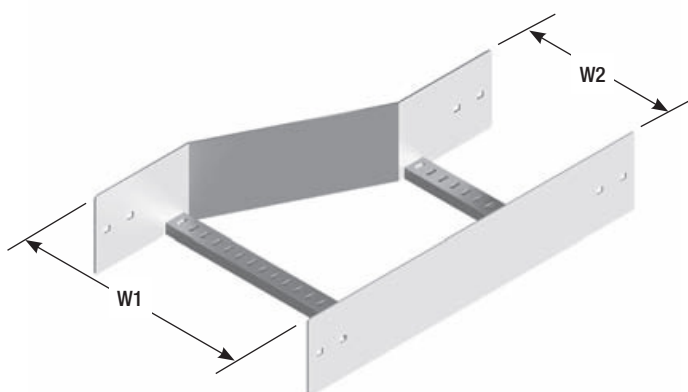


Ordering Code	Width W1 mm	Width W2 mm
N4LHR300150A	300	150
N4LHR450150A	450	150
N4LHR450300A	450	300
N4LHR600150A	600	150
N4LHR600300A	600	300
N4LHR600450A	600	450
N4LHR900150A	900	150
N4LHR900300A	900	300
N4LHR900450A	900	450
N4LHR900600A	900	600

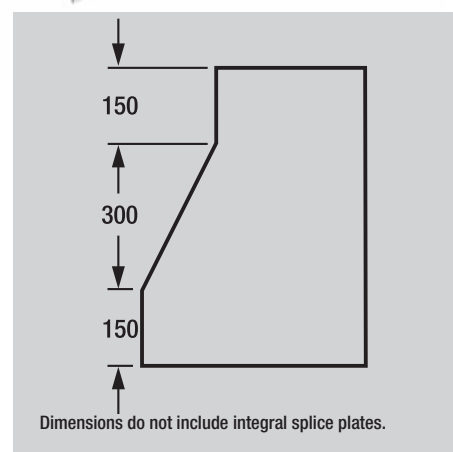


#### NEMA 4 Cable Ladder - Left Hand Reducer - Aluminium

Order fasteners separately for installation.  
8 x Splice Bolts (SBS) & 8 x Splice Nuts (SNS) required.  
All aluminium cable ladder fittings are manufactured against firm orders and are non returnable.



Ordering Code	Width W1 mm	Width W2 mm
N4RHR300150A	300	150
N4RHR450150A	450	150
N4RHR450300A	450	300
N4RHR600150A	600	150
N4RHR600300A	600	300
N4RHR600450A	600	450
N4RHR900150A	900	150
N4RHR900300A	900	300
N4RHR900450A	900	450
N4RHR900600A	900	600

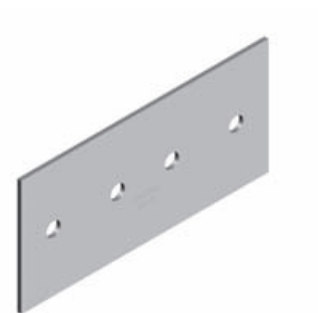


#### NEMA 4 Cable Ladder - Right Hand Reducer - Aluminium



Ordering Code: **N3SA**

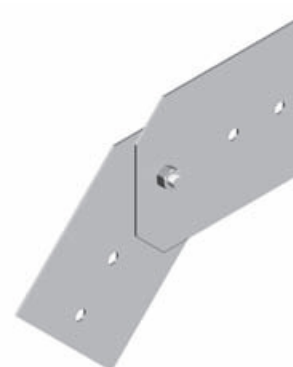
Note: Order splice bolts & nuts separately, SBS and SNS.



#### NEMA 4 Splice Plate - Aluminium

Ordering Code: **N3VSA**

Note: Order splice bolts & nuts separately, SBS and SNS.



#### NEMA 4 Vertical Splice Plate - Aluminium

Ordering Code: **N3HSA**

Note: Order splice bolts & nuts separately, SBS and SNS.

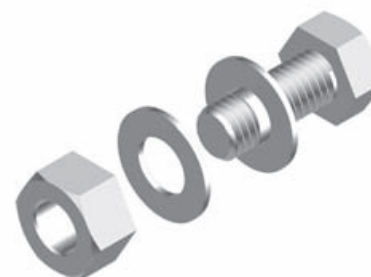


#### NEMA 4 Horizontal Splice Plate - Aluminium

Stainless steel screws used in conjunction with insulators are only available in hex head type.

Ordering Codes:

<b>HS820S</b>	M8 x 20 hex screw
<b>HN8S</b>	hex nut
<b>BTHF</b>	insulating ferrule
<b>FW8N</b>	nylon washer

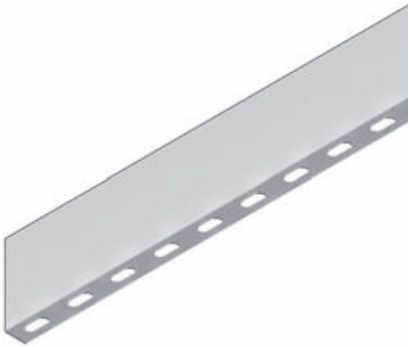


#### Stainless Steel Fasteners and Insulating Bushes



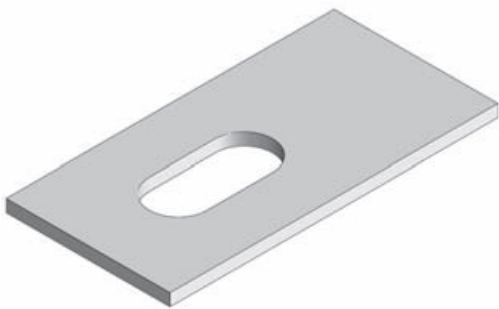
Ordering Code: **DSN4A**

Note: Order B3016 and PS620 separately for installation.



**NEMA 4 Divider Strip - Aluminium**

Ordering Code: **BIFS**



**BIFS Burndy Interface Spacer**

Ordering Code: **N4CCS**



**Nema 4 Cover Clamp for Aluminium**

channels  
1

nuts & bolts  
2

cantilever  
brackets  
3

channel  
fittings  
4

laddertrays  
5

cable mesh  
6

steel  
ladders  
7

aluminium  
ladders  
8

covers  
9

hyground  
10



Note: Should be used in pairs.



### Hold Down Unit with Insulators



### Insulating Spacer

BTHF x 1

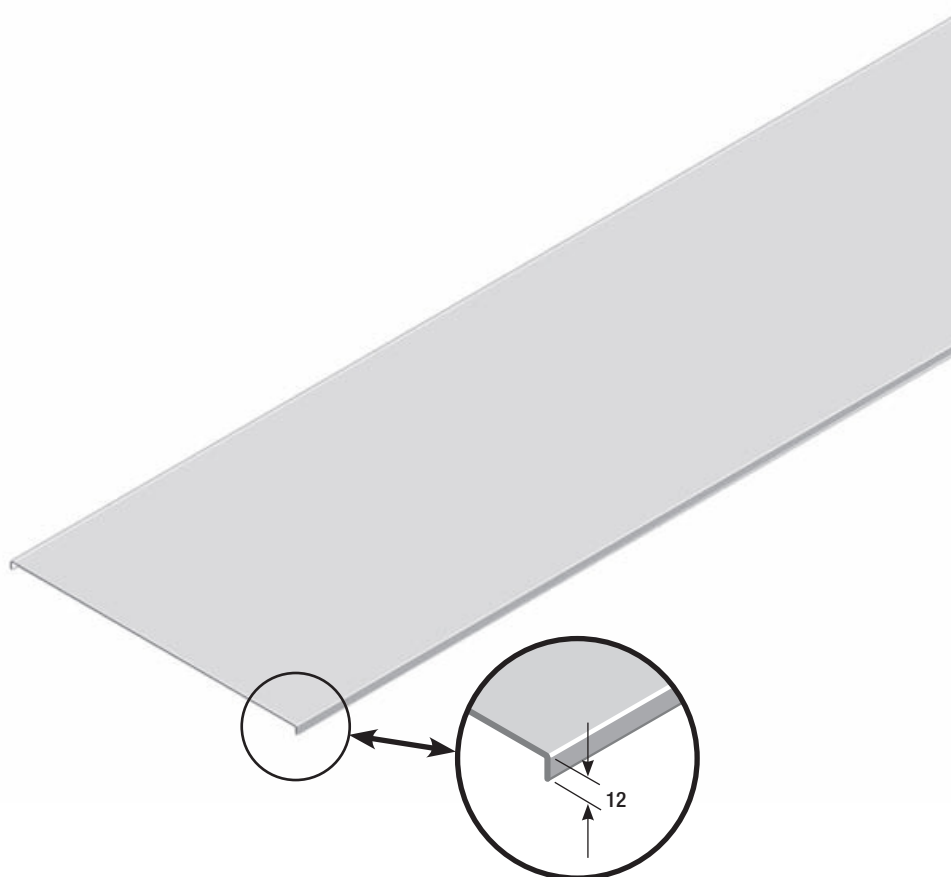
## NEMA 4 Hold Down Unit - Aluminium



- Standard Length 3.0 metres.

- Hot Dip Galvanised & Galvabond Cable Ladder Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.

	Ordering Code	Nominal Width mm	Internal Width mm
Galvanised	CFN1150G	150	182
	CFN1300G	300	332
	CFN1450G	450	482
	CFN1600G	600	632
	CFN1900G	900	932
Hot Dip Galvanised	CFN1150H	150	182
	CFN1300H	300	332
	CFN1450H	450	482
	CFN1600H	600	632
	CFN1900H	900	932



### Nema 1 Cable Ladder - Flat Cover

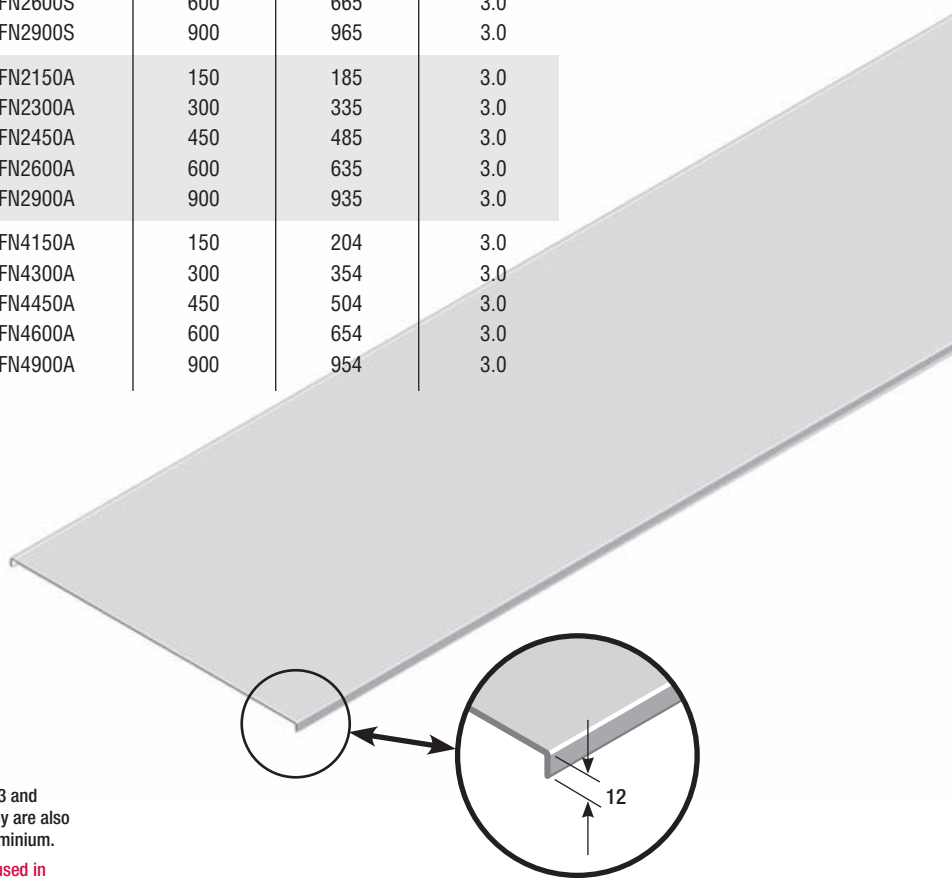


**Specifications**

**Note**

- Standard Length 3.0 metres.
- Hot Dip Galvanised, Stainless Steel & Aluminium Cable Ladder Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.

	Ordering Code	Nominal Width mm	Internal Width mm	Length metres
Galvanised	CFN2150G	150	215	3.0
	CFN2300G	300	365	3.0
	CFN2450G	450	515	3.0
	CFN2600G	600	665	3.0
	CFN2900G	900	965	3.0
Hot Dip Galvanised	CFN2150H	150	215	3.0
	CFN2300H	300	365	3.0
	CFN2450H	450	515	3.0
	CFN2600H	600	665	3.0
	CFN2900H	900	965	3.0
Stainless Steel	CFN2150S	150	215	3.0
	CFN2300S	300	365	3.0
	CFN2450S	450	515	3.0
	CFN2600S	600	665	3.0
	CFN2900S	900	965	3.0
Aluminium Nema 2 & Nema 3	CFN2150A	150	185	3.0
	CFN2300A	300	335	3.0
	CFN2450A	450	485	3.0
	CFN2600A	600	635	3.0
	CFN2900A	900	935	3.0
Aluminium Nema 4	CFN4150A	150	204	3.0
	CFN4300A	300	354	3.0
	CFN4450A	450	504	3.0
	CFN4600A	600	654	3.0
	CFN4900A	900	954	3.0



**Note**

Covers are common for Nema 2, Nema 3 and Nema 4 in steel and stainless steel. They are also common for Nema 2 and Nema 3 in aluminium.

Not suitable for 'Rail In' Cable Ladders used in Western Australia. For 'Rail In' application, refer to page 9.3

**Nema 2 / Nema 3 / Nema 4 Cable Ladder - Flat Cover**





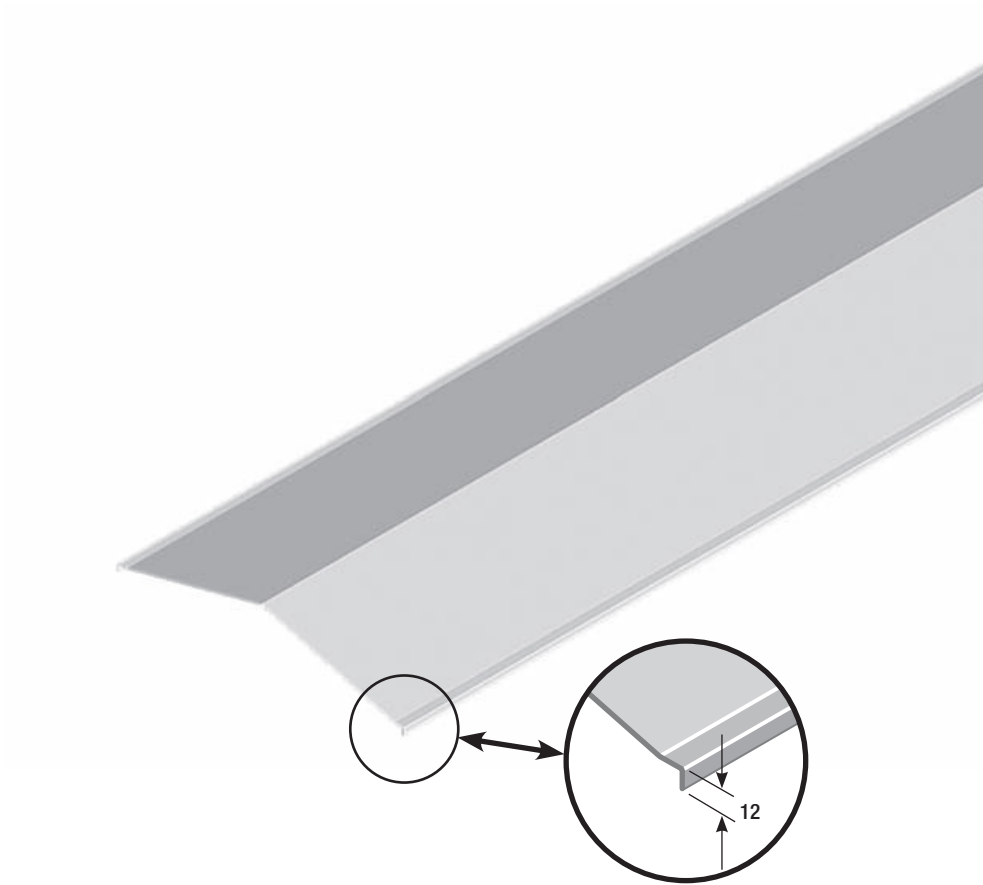


Specifications

Note

- Standard Length 3.0 metres.
- Hot Dip Galvanised & Galvabond Cable Ladder Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.

		Ordering Code	Nominal Width mm	Internal Width mm	Length metres
Galvanised		CPN1150G	150	182	3.0
		CPN1300G	300	332	3.0
		CPN1450G	450	482	3.0
		CPN1600G	600	632	3.0
		CPN1900G	900	932	3.0
Hot Dip Galvanised		CPN1150H	150	182	3.0
		CPN1300H	300	332	3.0
		CPN1450H	450	482	3.0
		CPN1600H	600	632	3.0
		CPN1900H	900	932	3.0



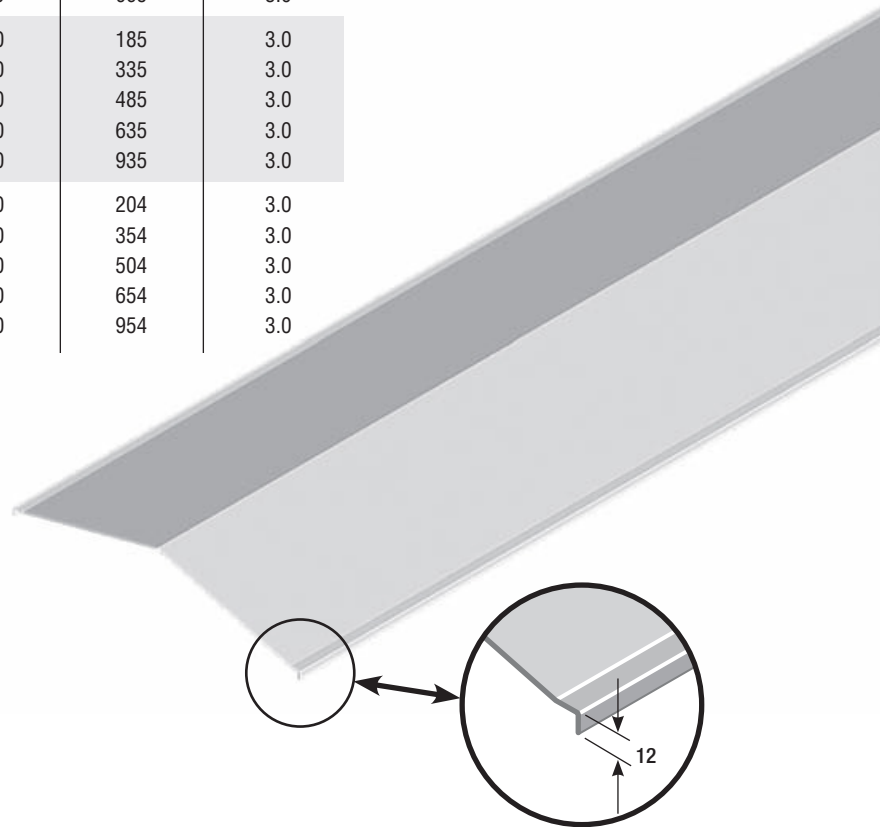
Nema 1 Cable Ladder - Peaked Cover (15 Degree Peak)



**Specifications****Note**

- Standard Length 3.0 metres.
- Hot Dip Galvanised, Stainless Steel & Aluminium Cable Ladder Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.

	Ordering Code	Nominal Width mm	Internal Width mm	Length metres
Galvanised	CPN2150G	150	215	3.0
	CPN2300G	300	365	3.0
	CPN2450G	450	515	3.0
	CPN2600G	600	665	3.0
	CPN2900G	900	965	3.0
Hot Dip Galvanised	CPN2150H	150	215	3.0
	CPN2300H	300	365	3.0
	CPN2450H	450	515	3.0
	CPN2600H	600	665	3.0
	CPN2900H	900	965	3.0
Stainless Steel	CPN2150S	150	215	3.0
	CPN2300S	300	365	3.0
	CPN2450S	450	515	3.0
	CPN2600S	600	665	3.0
	CPN2900S	900	965	3.0
Aluminium Nema 2 & Nema 3	CPN2150A	150	185	3.0
	CPN2300A	300	335	3.0
	CPN2450A	450	485	3.0
	CPN2600A	600	635	3.0
	CPN2900A	900	935	3.0
Aluminium Nema 4	CPN4150A	150	204	3.0
	CPN4300A	300	354	3.0
	CPN4450A	450	504	3.0
	CPN4600A	600	654	3.0
	CPN4900A	900	954	3.0

**Note**

Covers are common for Nema 2, Nema 3 and Nema 4 in steel and stainless steel. They are also common for Nema 2 and Nema 3 in aluminium.

Not suitable for 'Rail In' Cable Ladders used in Western Australia. For 'Rail In' application, refer to page 9.6

**Nema 2 / Nema 3 / Nema 4 Cable Ladder Peaked Cover (15 Degree Peak)**

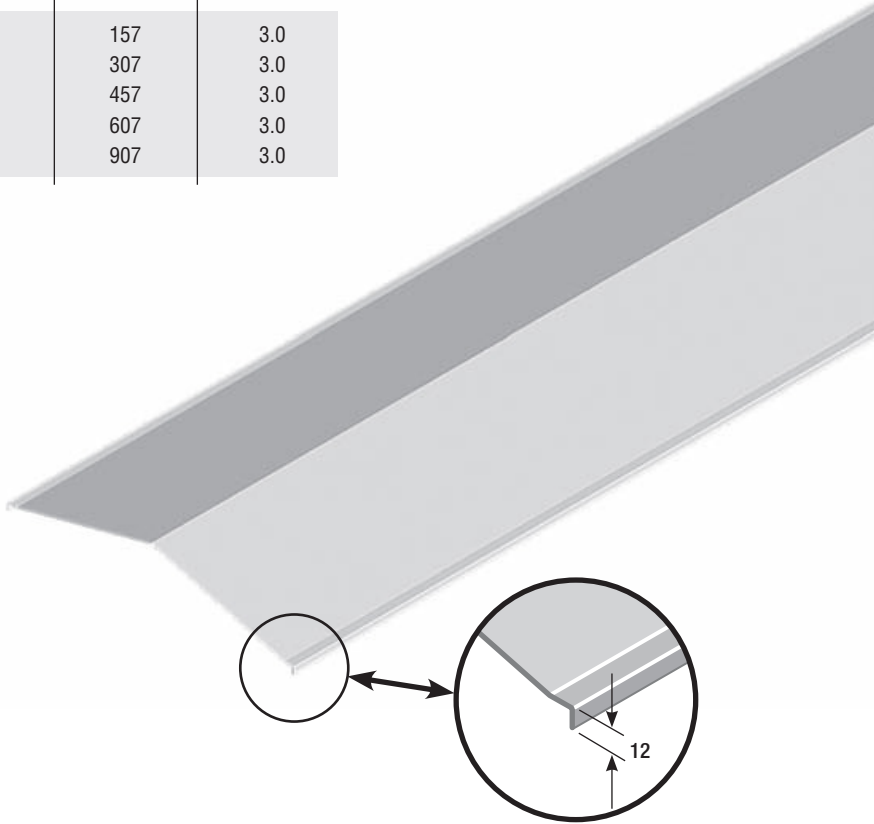


**Specifications**

**Note**

- Standard Length 3.0 metres.
- Hot Dip Galvanised, Stainless Steel & Aluminium Cable Ladder Covers are manufactured against firm orders only and are non returnable.
- Hot Dip Galvanising is not recommended for products such as these. Varying degrees of product distortion are likely to occur which may compromise aesthetics.

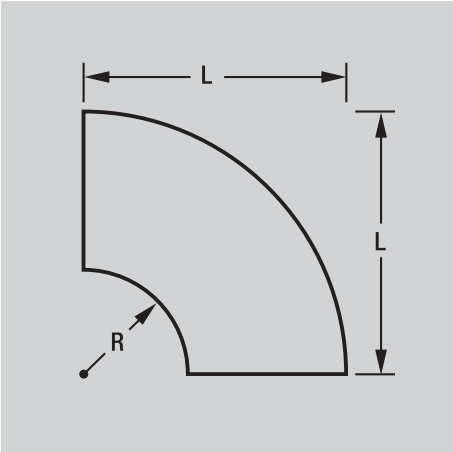
	Ordering Code	Nominal Width mm	Internal Width mm	Length metres
Galvanised	CPCT150G	150	155	3.0
	CPCT300G	300	305	3.0
	CPCT450G	450	455	3.0
	CPCT600G	600	605	3.0
	CPCT900G	900	905	3.0
Hot Dip Galvanised	CPCT150H	150	155	3.0
	CPCT300H	300	305	3.0
	CPCT450H	450	455	3.0
	CPCT600H	600	605	3.0
	CPCT900H	900	905	3.0
Stainless Steel	CPCT150S	150	155	3.0
	CPCT300S	300	305	3.0
	CPCT450S	450	455	3.0
	CPCT600S	600	605	3.0
	CPCT900S	900	905	3.0
Aluminium Nema 4 'C Rail'	CPCT150A	150	157	3.0
	CPCT300A	300	307	3.0
	CPCT450A	450	457	3.0
	CPCT600A	600	607	3.0
	CPCT900A	900	907	3.0



**Note**  
Covers are common for Nema 2, Nema 3 and Nema 4 in steel and stainless steel. They are also common for Nema 2 and Nema 3 in aluminium.

**Nema 2 / Nema 3 / Nema 4 Cable Ladder Peaked Cover (15 Degree Peak)**





		Ordering Code	Nominal Width mm	Length L mm
300 Radius	Standard for all NEMA 1	CB1503	150	450
		CB3003	300	600
		CB4503	450	750
		CB6003	600	900
		CB9003	900	1200
450 Radius	Standard for all NEMA 2, NEMA 3 & NEMA 4	CB1504	150	600
		CB3004	300	750
		CB4504	450	900
		CB6004	600	1050
		CB9004	900	1350

A Aluminum

G Galvabond

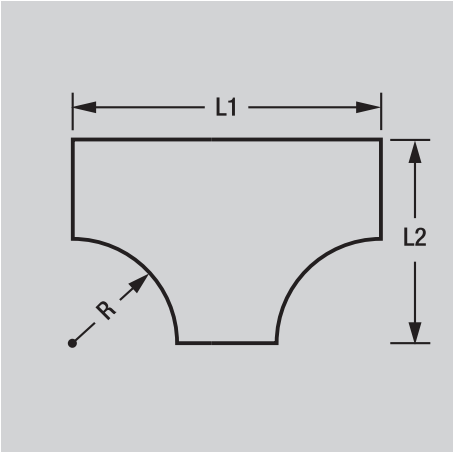
H Hot Dip Galvanised

S Stainless Steel

Cable Ladder - Bend Cover

1	channels
2	nuts & bolts
3	cantilever brackets
4	channel fittings
5	laddertrays
6	cable mesh
7	steel ladders
8	aluminium ladders
9	covers
10	hyground





		Ordering Code	Nominal Width mm	Length L1 mm	Length L2 mm
300 Radius	Standard for all NEMA 1	CT1503	150	750	450
		CT3003	300	900	600
		CT4503	450	1050	750
		CT6003	600	1200	900
		CT9003	900	1500	1200
450 Radius	Standard for all NEMA 2, NEMA 3 & NEMA 4	CT1504	150	1050	600
		CT3004	300	1200	750
		CT4504	450	1350	900
		CT6004	600	1500	1050
		CT9004	900	1800	1350

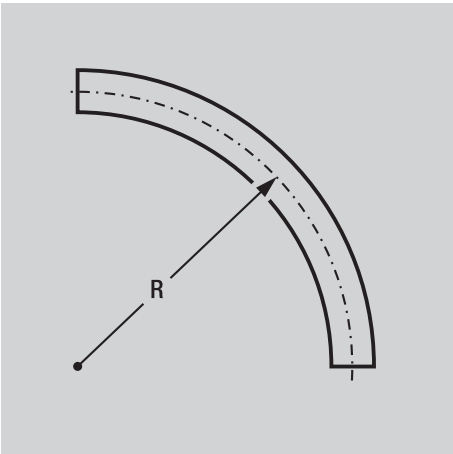
A Aluminum

G Galvabond

H Hot Dip Galvanised

S Stainless Steel





	Ordering Code	Nominal Width mm
300 Radius  Standard for all NEMA 1	CER1503	150
	CER3003	300
	CER4503	450
	CER6003	600
	CER9003	900
450 Radius  Standard for all NEMA 2, NEMA 3 & NEMA 4	CER1504	150
	CER3004	300
	CER4504	450
	CER6004	600
	CER9004	900

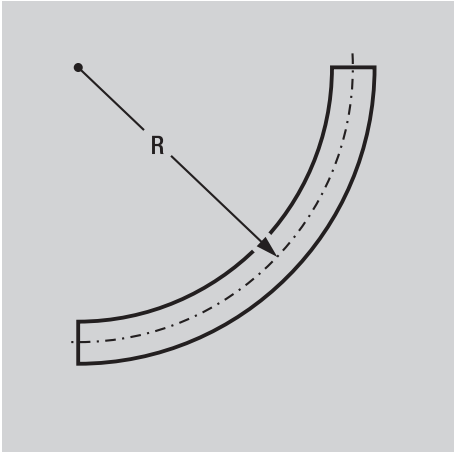
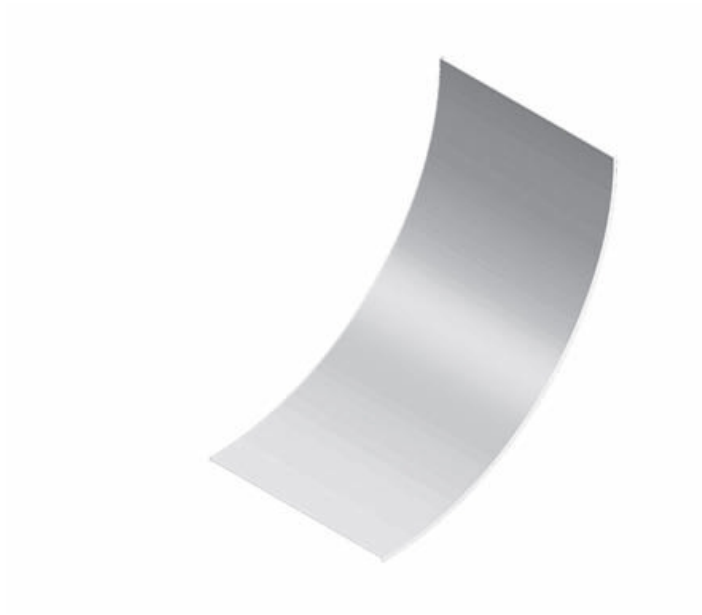
A Aluminum

G Galvabond

H Hot Dip Galvanised

S Stainless Steel





Ordering Code		Nominal Width mm
300 Radius  Standard for all NEMA 1	CIR1503	150
	CIR3003	300
	CIR4503	450
	CIR6003	600
	CIR9003	900
450 Radius  Standard for all NEMA 2, NEMA 3 & NEMA 4	CIR1504	150
	CIR3004	300
	CIR4504	450
	CIR6004	600
	CIR9004	900

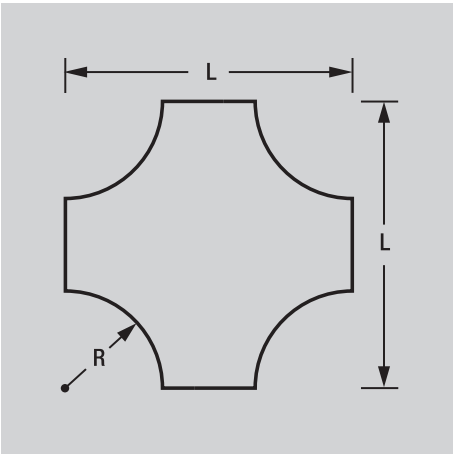
A Aluminum

G Galvabond

H Hot Dip Galvanised

S Stainless Steel





Ordering Code		Nominal Width mm	Length L mm
300 RADIUS Standard for all NEMA 1	CC1503	150	750
	CC3003	300	900
	CC4503	450	1050
	CC6003	600	1200
	CC9003	900	1500
450 RADIUS Standard for all NEMA 2, NEMA 3 & NEMA 4	CC1504	150	1050
	CC3004	300	1200
	CC4504	450	1350
	CC6004	600	1500
	CC9004	900	1800

A Aluminum

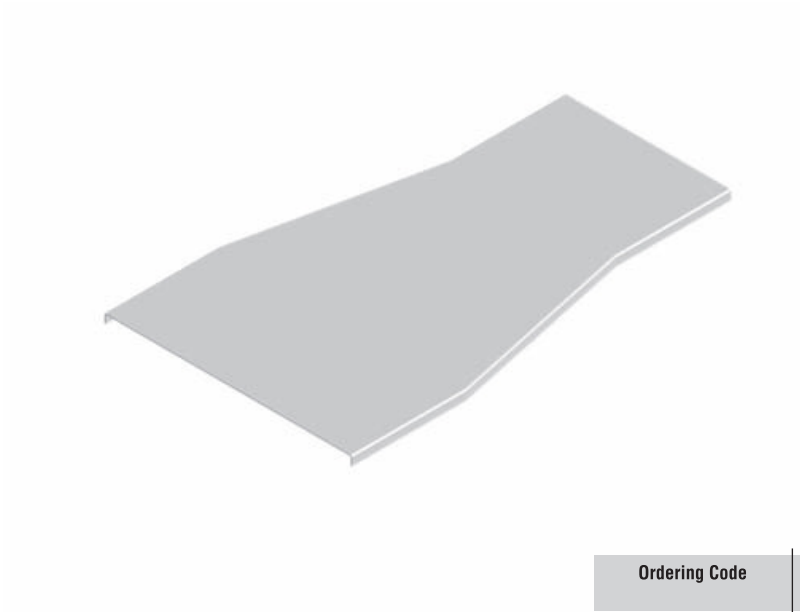
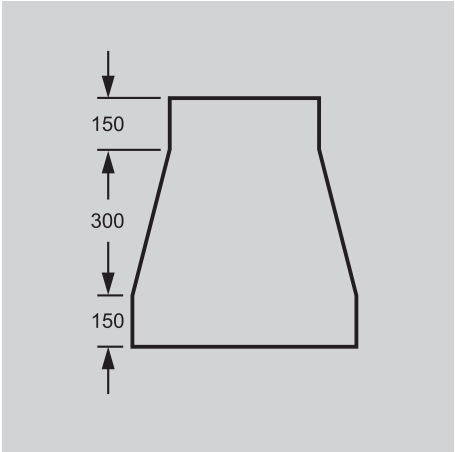
G Galvabond

H Hot Dip Galvanised

S Stainless Steel

Cable Ladder - Cross Cover



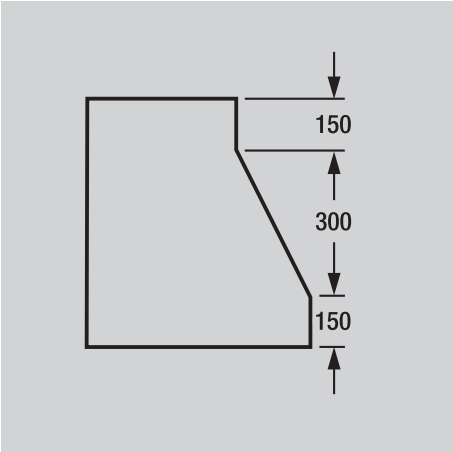
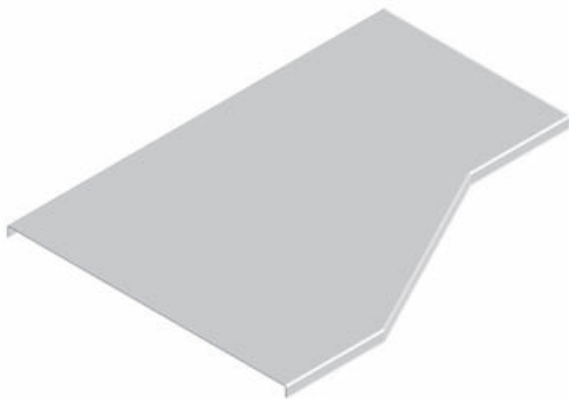


Ordering Code	Width W1 mm	Width W2 mm
CSR300150	300	150
CSR450150	450	150
CSR450300	450	300
CSR600150	600	150
CSR600300	600	300
CSR600450	600	450
CSR900150	900	150
CSR900300	900	300
CSR900450	900	450
CSR900600	900	600

- A Aluminum
- G Galvabond
- H Hot Dip Galvanised
- S Stainless Steel

Cable Ladder - Straight Reducer Cover





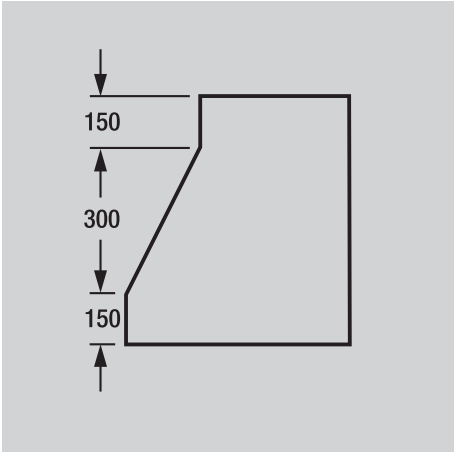
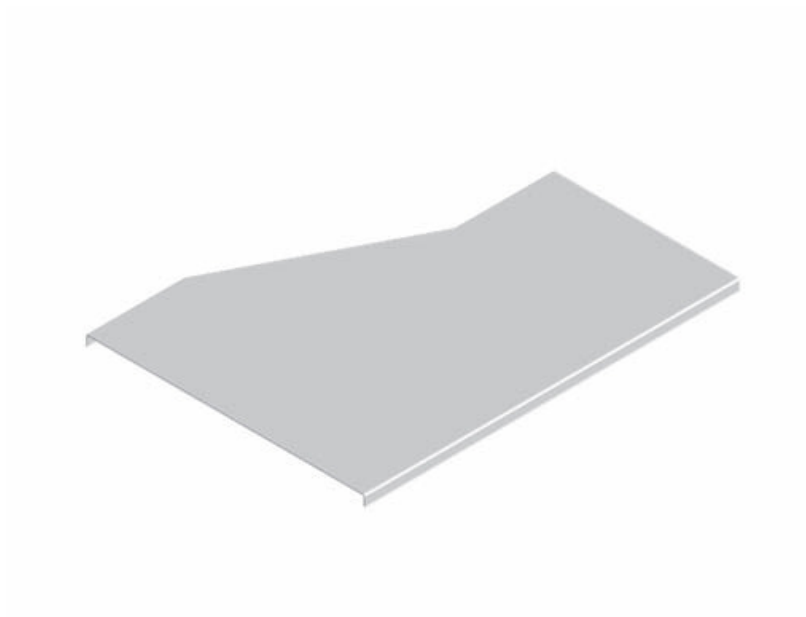
Ordering Code	Width W1 mm	Width W2 mm
CLHR300150	300	150
CLHR450150	450	150
CLHR450300	450	300
CLHR600150	600	150
CLHR600300	600	300
CLHR600450	600	450
CLHR900150	900	150
CLHR900300	900	300
CLHR900450	900	450
CLHR900600	900	600

- A Aluminum
- G Galvabond
- H Hot Dip Galvanised
- S Stainless Steel

Cable Ladder - Left Hand Reducer Cover

1	channels
2	nuts & bolts
3	cantilever brackets
4	channel fittings
5	laddertrays
6	cable mesh
7	steel ladders
8	aluminium ladders
9	covers
10	hyground





Ordering Code	Width W1 mm	Width W2 mm
CRHR300150	300	150
CRHR450150	450	150
CRHR450300	450	300
CRHR600150	600	150
CRHR600300	600	300
CRHR600450	600	450
CRHR900150	900	150
CRHR900300	900	300
CRHR900450	900	450
CRHR900600	900	600

A

Aluminum

G

Galvabond

H

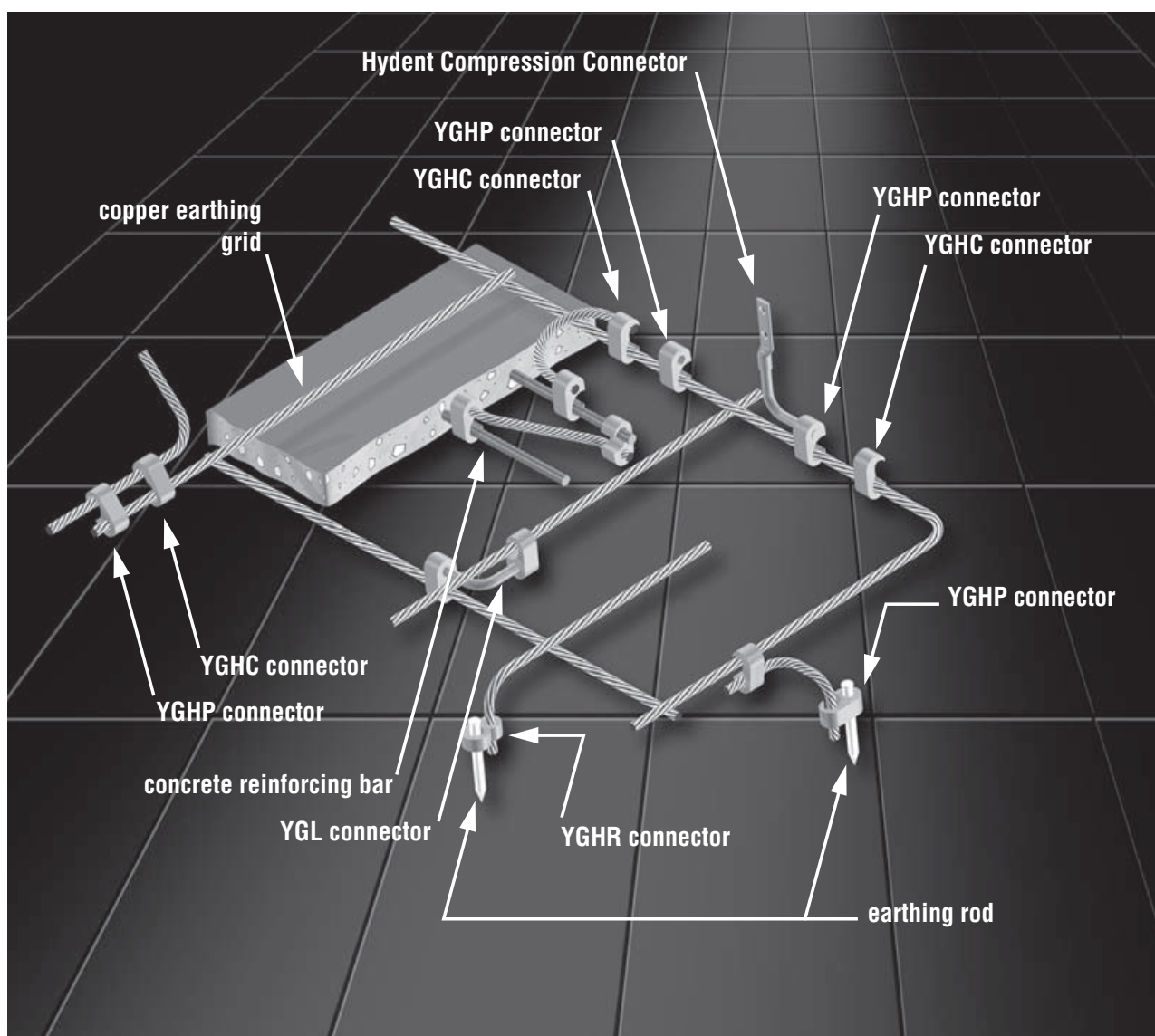
Hot Dip Galvanised

S

Stainless Steel

Cable Ladder - Right Hand Reducer Cover





## Features of Hyground

Hyground connectors are manufactured from pure wrought copper extrusions.

Hyground connectors have a current carrying capacity greater than or equivalent to the conductor.

The simplicity of installation of Hyground connectors means that installation is not affected by the weather.

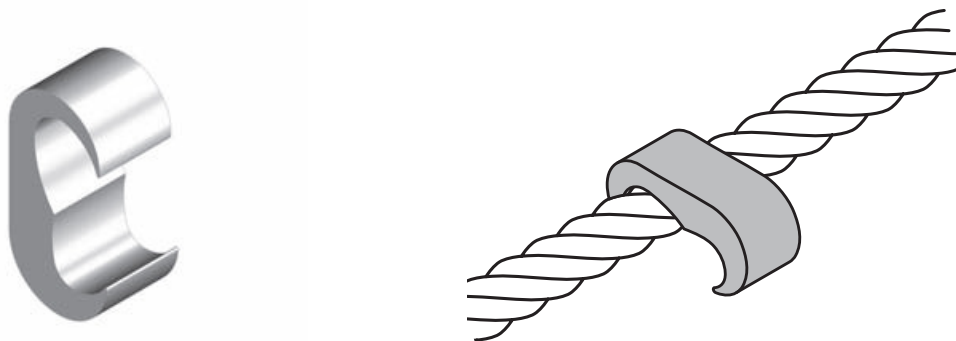
The crimping process produces a very clear and evident embossing of the Hyground connector. A sound crimp can be

confirmed by a quick visual inspection.

Hyground connectors are safe and simple to use. Installation requiring no special training, protective clothing, elaborate fixtures or cleaning procedures.

All Hyground connectors are clearly marked with a number, conductor size and installation die number.



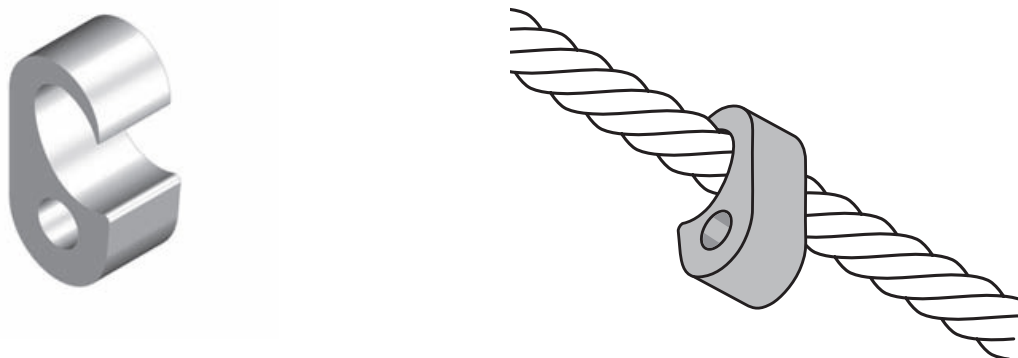


### HYGROUND YGHC

Catalogue Number	Copper Conductor Range		Installation Tooling	
	Run (mm²)	Tap (mm²)	Y35/Y750 Die	Y46 Die *
YGHC2C2	10-35	10-35	U-C	U-C
YGHC26C2	50-70	10-35	U-O	U-O
YGHC26C26	50-70	50-70	U-O	U-O
YGHC29C26	95-120	16-70	U997	U997
YGHC29C29	95-120	95-120	U997	U997
YGHC34C26	150-240	16-70	U1011	U1011 or P1011
YGHC34C29	150-240	95-120	U1011	U1011 or P1011
YGHC34C34	150-240	150-240	-	U1011 or P1011

\* P-UADP adaptor to be used in Y46 Head to accept U or PU dies.

### Hyground YGHC



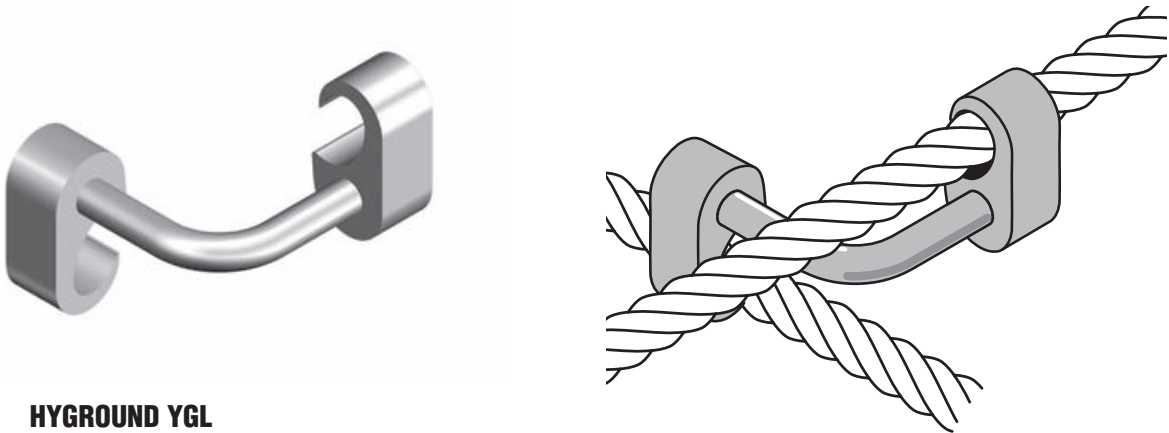
### HYGROUND YGHP

Catalogue Number	Copper Conductor Range		Installation Tooling	
	Run (mm²)	Tap (mm²)	Y35/Y750 Die	Y46 Die *
YGHP2C2	10-35	10-35	U-O	U-O
YGHP29C2	50-120 (13-15mm rod)	16-35	U997	U997
YGHP29C26	50-120 (13-15mm rod)	50-70	U997	U997
YGHP29C29	50-120 (13-15mm rod)	95-120	U997	U997
YGHP34C2	150-240 (16-19mm rod)	16-35	PU998	PU998 or P998
YGHP34C26	150-240 (16-19mm rod)	50-70	PU998	PU998 or P998
YGHP34C29	150-240 (16-19mm rod)	95-120	PU998	PU998 or P998
YGHP34C34	150-240 (16-19mm rod)	150-240	-	U1011 or P1011

\* P-UADP adaptor to be used in Y46 Head to accept U or PU dies.

### Hyground YGHP





HYGROUND YGL

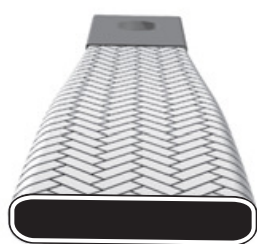
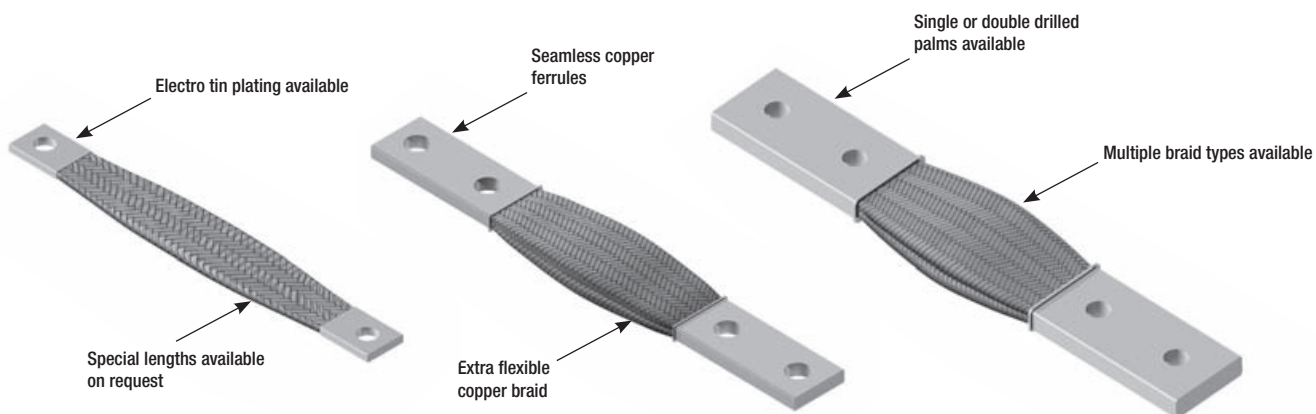
Catalogue Number	Copper Conductor Range		Installation Tooling			
	Run (mm²)	Tap (mm²)	Y35/Y750 Die		Y46 Die *	
			Run A	Run B	Run A	Run B
YGL2C2	10-35	10-35	U-0	U-0	U-0	U-0
YGL29C2	50-120 (13-15mm rod)	10-35	U997	U-0	U997	U-0
YGL29C29	35-120 (13-15mm rod)	35-120	U997	U997	U997	U997
YGL34C2	150-240 (16-19mm rod)	10-35	PU998	U-0	PU998 or P998	U-0
YGL34C29	150-240 (16-19mm rod)	35-120	PU998	U997	PU998 or P998	U997
YGL34C34	150-240 (16-19mm rod)	150-240	U1011	U1011	P1011	P1011

\* P-UADP adaptor to be used in Y46 Head to accept U or PU dies.

Hyground YGL

- 1 channels
- 2 nuts & bolts
- 3 cantilever brackets
- 4 channel fittings
- 5 laddertrays
- 6 cable mesh
- 7 steel ladders
- 8 aluminium ladders
- 9 covers
- 10 hyground





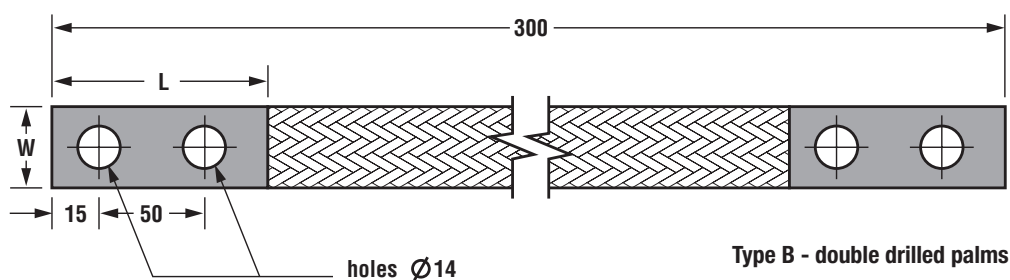
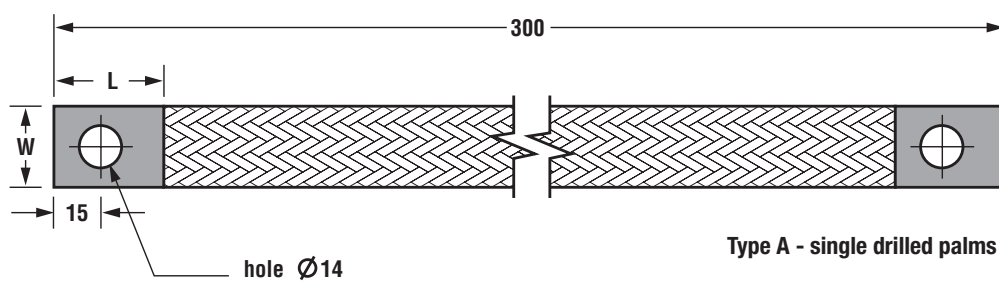
**Type D - single layer**



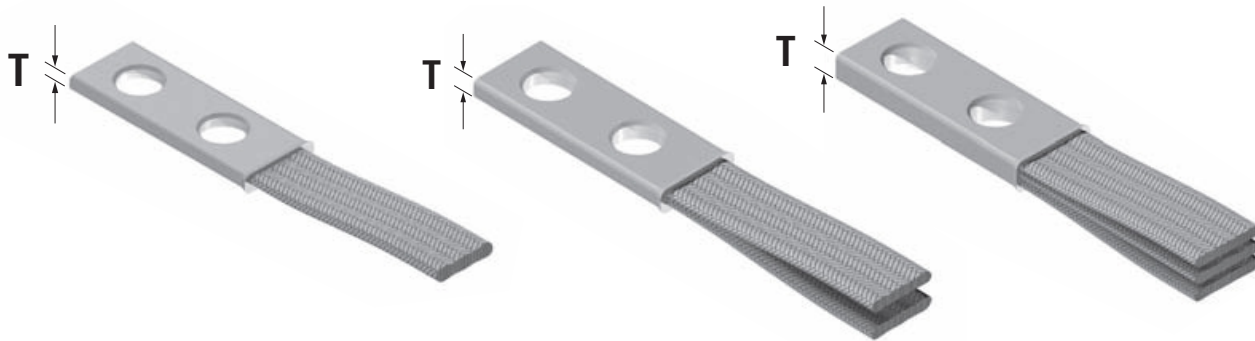
**Type E - double layer**



**Type F - triple layer**







### Flexible Copper Braids - Single Braid

Catalogue Number	Current Rating (Amperes)	Braids in Ferrule	Holes in Each Ferrule	Braid Weave	Ferrule Finish	Ferrule Dimensions (mm)		
						W	L	T
BUA19L30M12	190	1	1	D	Untinned	24	35	3
BTA19L30M12	190	1	1	D	Tinned	24	35	3
BUB19L30M12	190	1	2	D	Untinned	24	35	3
BUB19L30MU	190	1	2	D	Untinned	24	35	3
BUA19L30M12	190	1	2	D	Tinned	24	35	3
BUA34L30M12	340	1	1	E	Untinned	30	40	6
BTA34L30M12	340	1	1	E	Tinned	30	40	6
BUB34L30M12	340	1	2	E	Untinned	30	85	6
BTB34L30M12	340	1	2	E	Tinned	30	85	6

### Flexible Copper Braids - Double Braid

Catalogue Number	Current Rating (Amperes)	Braids in Ferrule	Holes in Each Ferrule	Braid Weave	Ferrule Finish	Ferrule Dimensions (mm)		
						W	L	T
BUB53L30M12	530	2	2	E	Untinned	30	85	9
BTB53L30M12	530	2	2	E	Tinned	30	85	9
BUB60L30M12	600	2	2	F	Untinned	30	85	10
BTB60L30M12	600	2	2	F	Tinned	30	85	10

### Flexible Copper Braids - Triple Braid

Catalogue Number	Current Rating (Amperes)	Braids in Ferrule	Holes in Each Ferrule	Braid Weave	Ferrule Finish	Ferrule Dimensions (mm)		
						W	L	T
BUB82L30M12	820	3	2	F	Untinned	37	85	14
BTB82L30M12	820	3	2	F	Tinned	37	85	14
BUB100L30M12	1000	3	2	F	Untinned	38	85	19
BTB100L30M12	1000	3	2	F	Tinned	38	85	19

- Standard braid length is 300 mm.
- Nominated current ratings are indoor.
- Braid material is tinned.
- Ferrule tinning is optional.



## Installation Tooling

Catalogue Number	Product Description
MD6-8 MY29-3 BM101	Hand Operated Tool. Crimp range 6 mm <sup>2</sup> to 120 mm <sup>2</sup> Indent Mechanical Tool. Crimp range 16 mm <sup>2</sup> to 120 mm <sup>2</sup> Threaded Rod Cutter. Cuts 8 mm and 10 mm
Y35 Y750 PAT750XT-18V	12 Ton Hydraulic Tool. Crimp range 16 mm <sup>2</sup> to 300 mm <sup>2</sup> 12 Ton Hydraulic Tool. Crimp range 16 mm <sup>2</sup> to 300 mm <sup>2</sup> , wide jaw Battery Actuated 12 Tool Hydraulic Tool. Crimp range 16 mm <sup>2</sup> to 300 mm <sup>2</sup>
Y35BH Y750BH Y46BH Y60BHU RHCC245CUAL EP10-1HP-2 FP10 HP10 PT29901-10 PT29901-15	12 Ton Hydraulic Remote Head. Crimp range 16 mm <sup>2</sup> to 300 mm <sup>2</sup> 12 Ton Hydraulic Remote Head. Crimp range 16 mm <sup>2</sup> to 300 mm <sup>2</sup> 15 Ton Hydraulic Remote Head. Crimp range 16 mm <sup>2</sup> to 630 mm <sup>2</sup> , copper 60 Ton Remote Hydraulic Head. Crimp range 16 mm <sup>2</sup> to 630 mm <sup>2</sup> Hydraulic Cutter, copper & aluminium 240v Electric Hydraulic Pump, 10,000 psi Foot Operated Hydraulic Pump, 10,000 psi Hand Operated Hydraulic Pump, 10,000 psi Hydraulic Hose 10,000 psi, 3 mtr Hydraulic Hose 10,000 psi, 4.5 mtr
U16 U25 U35 U50 U70 U95 U120 U150 U185 U240 U300	Hexagonal die to crimp 16 mm <sup>2</sup> copper connectors Hexagonal die to crimp 25 mm <sup>2</sup> copper connectors Hexagonal die to crimp 35 mm <sup>2</sup> copper connectors Hexagonal die to crimp 50 mm <sup>2</sup> copper connectors Hexagonal die to crimp 70 mm <sup>2</sup> copper connectors Hexagonal die to crimp 95 mm <sup>2</sup> copper connectors Hexagonal die to crimp 120 mm <sup>2</sup> copper connectors Hexagonal die to crimp 150 mm <sup>2</sup> copper connectors Hexagonal die to crimp 185 mm <sup>2</sup> copper connectors Hexagonal die to crimp 240 mm <sup>2</sup> copper connectors Hexagonal die to crimp 300 mm <sup>2</sup> copper connectors
P400 P500 P630 P-UADP	Hexagonal die to crimp 400 mm <sup>2</sup> copper connectors. Suits Y46 Hexagonal die to crimp 500 mm <sup>2</sup> copper connectors. Suits Y46 Hexagonal die to crimp 630 mm <sup>2</sup> copper connectors. Suits Y46 Adaptor allows Y46 to accept U-Dies 16-300 mm <sup>2</sup>
U-C U-O U-997 PU998 U1011	Hyground Die Hyground Die Hyground Die Hyground Die Hyground Die
UA12 UA16 UA21.5 UA27 UA35	Hex Die to crimp aluminium connectors 10-35 mm <sup>2</sup> Hex Die to crimp aluminium connectors 50-70 mm <sup>2</sup> Hex Die to crimp aluminium connectors 95-120 mm <sup>2</sup> Hex Die to crimp aluminium connectors 150-185 mm <sup>2</sup> Hex Die to crimp aluminium connectors 240-300 mm <sup>2</sup>
P8A PEN A-13 PENE-8	Aluminium Jointing Compound 225 ml Aluminium Jointing Compound 225 ml Copper Jointing Compound 225 ml



B1000	1.1	B1347	4.3	B2815D	4.5
B1006 to B1010	2.3	B1357	4.3	B2855	4.10
B1000T	1.8	B1358	4.1	B3006 to B3010	2.3
B1001	1.11	B1359	4.3	B3016	2.5
B1001A	1.11	B1376	4.4	B3087	4.10
B1001B	1.11	B1377	4.4	B3300	1.4
B1001C	1.11	B1386	4.6	B3300T	1.9
B1003H	1.11	B1458	4.2	B3301	1.11
B1006 to B1010	2.3	B1546	4.3	B3380	4.10
B1026	4.2	B1796	4.7	B4000 Aluminium	1.6
B1031	4.1	B1941	4.1	B4000 Steel	1.5
B1033	4.2	B1964	4.1	B4000T	1.9
B1036	4.1	B2000 Aluminium	1.3	B4001	1.11
B1037	4.2	B2000 Steel	1.2	B4006 to B4010	2.4
B1038	4.2	B2000T	1.8	B4045	4.3
B1044	4.4	B2001	1.11	B4047	4.3
B1045	4.3	B2072A	4.4	B422J	4.10
B1047	4.3	B2072S1	4.4	B5 series	4.12
B1062	4.1	B2073	4.4	B5500	1.7
B1063	4.1, 7.17	B2224	4.4	B5500FRSH	1.12
B1064	4.1, 7.26, 7.34	B2228	4.4	B5500T	1.10
B1065	4.1	B2240	4.10	B5501	1.11
B1066	4.1	B2324	4.1	B5547H	4.5
B1067	4.1	B2346	4.4	B5580	4.10
B1068	4.2	B2377Z	4.10	B922J	4.10
B10754H	3.2	B2452	4.5	BC series	4.9
B10758H	3.2	B2484	4.2	BCM series	6.1
B1184	4.10	B2539	4.10	BCMC series	6.4
B1186	4.3	B2600	4.12	BCMCG	6.3
B1220B	4.11	B2675	4.9	BCMCP	6.2
B1221T	4.11	B2676	4.9	BCMCPF	6.2
B1222C	4.11	B2749	4.9	BCMFS	6.4
B1271	4.6	B2750	4.9	BCMHD	6.4
B1272	4.6	B2785	4.7	BCMHH	6.3
B1325	4.2	B2786	4.7	BCMSB	6.2
B1326	4.2	B2815	4.5	BCMSP	6.2



BCMST	6.5	DCT series	5.14	LT5RL	5.6
BCMT series	6.3	DI series	2.5	LT5RP	5.7
BCMWB series	6.4	DSL series	5.13	LT5S	5.6
BIFS	8.7, 8.15, 8.23	DSLTX	5.4	LT5TX	5.6
BM101	10.6	DSLTX	5.7	LTBOLT	5.4, 5.7
BTA series	10.5	DSN1	7.8	LTCHD	5.3
BTHF	8.14, 8.22	DSN2	7.17	LTNUT	5.4, 5.7
BUA series	10.5	DSN2A	8.7	LTTS	5.7
BUB series	10.5	DSN3	7.25	MD6-8	10.6
CB series	9.7	DSN3A	8.15	MW series	2.2
CC series	9.11	DSN4	7.34	MY29-3	10.6
CER series	9.9	DSN4A	8.23	N1B series	7.3
CFCT series	9.3	EP10-1HP-2	10.6	N1C series	7.5
CFLT series	5.8	FP10	10.6	N1CCS	6.6, 7.8
CFN1 series	9.1	FW series	2.2	N1ER series	7.4
CFN2 series	9.2	FW8N	8.6, 8.14, 8.22	N1HDH	7.8
CFN4 series	9.2	HD	7.17, 7.26, 7.34	N1HSH	7.7
CIR series	9.10	HDA	8.8, 8.16, 8.24	N1IR series	7.4
CL series	3.1	HN series	2.1	N1L series	7.1
CLB series	3.1	HN8S	8.6, 8.14, 8.22	N1LHR series	7.6
CLD series	3.1	HP10	10.6	N1RHR series	7.6
CLHR series	9.13	HS series	2.1	N1RL series	7.2
CPCT series	9.6	HS820S	8.6, 8.14, 8.22	N1SH	7.7
CPLT series	5.8	IF8N	8.6	N1SHH	7.9
CPN1 series	9.4	LT1	5.1	N1SR series	7.5
CPN2 series	9.5	LT1RLG	5.1	N1T series	7.3
CPN4 series	9.5	LT1RPG	5.1	N1VSH	7.7
CRHR series	9.14	LT1SG	5.1	N2B Aluminium series	8.2
CSR series	9.12	LT3	5.2	N2B Steel series	7.12
CT1503 to CT9004	9.8	LT3HD	5.3	N2C Aluminium series	8.4
CT75 to CT600	5.15	LT3RL	5.3	N2C Steel series	7.14
CTB series	5.15	LT3RP	5.4	N2CCAS	8.7
CTT series	5.15	LT3S	5.3	N2CCS	7.17
DB series	2.5	LT3TXH	5.4	N2ER Aluminium series	8.3
DCB series	5.14	LT5	5.5	N2ER Steel series	7.13
DCL series	5.13	LT5HD	5.6	N2HS	7.16



N2HSA	8.6	N3RHR Steel series	7.23	PEN A-13	10.6
N2IR Aluminium series	8.3	N3S	7.24	PENE A-8	10.6
N2IR Steel series	7.13	N3SA	8.14, 8.22	PS series	2.1
N2L Aluminium series	8.1	N3SR Aluminium series	8.12	PT29901 series	10.6
N2L Fire Rate Ladder-Nema 2	7.35	N3SR Steel series	7.22	PU998	10.6
N2L Steel series	7.10, 7.11	N3T Aluminium series	8.10	P-UADP	10.6
N2LHR Aluminium series	8.5	N3T Steel series	7.20	RC series	2.3
N2LHR Steel series	7.15	N3VS	7.24	RHCC245CUAL	10.6
N2RHR Aluminium series	8.5	N3VSA	8.14, 8.22	SA series	1.12
N2RHR Steel series	7.15	N4B Aluminium series	8.18	SB	7.16, 7.25
N2S	7.16	N4B Steel series	7.29	SBH	7.25, 7.33
N2SA	8.6	N4C Aluminium series	8.20	SH10Z	2.6
N2SR Aluminium series	8.4	N4C Steel series	7.31	SN	7.16, 7.25
N2SR Steel series	7.14	N4CCAS	8.23	SNH	7.25, 7.33
N2T Aluminium series	8.2	N4CCS	7.34, 8.23	ST6 to ST10	2.5
N2T Steel series	7.12	N4ER Aluminium series	8.19	SW series	2.2
N2VS	7.16	N4ER Steel series	7.30	TR series	2.2
N2VSA	8.6	N4HS	7.33	U1011	10.6
N3B Aluminium series	8.10	N4IR Aluminium series	8.19	U16 to U300	10.6
N3B Steel series	7.20	N4IR Steel series	7.30	U-997	10.6
N3C Aluminium series	8.12	N4L Aluminium series	8.17	UA12 TO UA35	10.6
N3C Steel series	7.22	N4L Steel series	7.27, 7.28	U-C	10.6
N3CCAS	8.15	N4LHR Aluminium series	8.21	U-O	10.6
N3CCS	7.25	N4LHR Steel series	7.32	VH10 series	2.6
N3ER Aluminium series	8.11	N4RHR Aluminium series	8.21	WN10Z	2.6
N3ER Steel series	7.21	N4RHR Steel series	7.32	Y35	10.6
N3HS	7.24	N4S	7.33	Y35BH	10.6
N3HSA	8.14, 8.22	N4SR Aluminium series	8.20	Y46BH	10.6
N3IR Aluminium series	8.11	N4SR Steel series	7.31	Y60BHU	10.6
N3IR Steel series	7.21	N4T Aluminium series	8.18	Y750	10.6
N3L Aluminium series	8.9	N4T Steel series	7.29	Y750BH	10.6
N3L Fire Rated Ladder-Nema 3	7.36	N4VS	7.33	YGHC	10.2
N3L Steel series	7.18, 7.19	P400 to P630	10.6	YGHP	10.2
N3LHR Aluminium series	8.13	P8A	10.6	YGL	10.3
N3LHR Steel series	7.23	PAT750XT-18V	10.6		
N3RHR Aluminium series	8.13	PC10Z	4.9		



