

HOW TO ORDER STEEL CABLE LADDER

Example

N3 L 300 H



Select Ladder Size

N1	Nema 1
N2	Nema 2
N3	Nema 3
N20C	Nema 20C

Specify Ladder

L	Ladder
RL	Riser Ladder (Nema 1 Only)

Select Width (mm)

150
300
450
600
900

Select Finish

H	Hot Dip Galvanised
S	Stainless Steel

DIFFERENT LENGTH ORDERING

When ordering non-standard length, the ordering code needs to specify the length (3 or 6). Example:

N1 L 150 6 H
N2 L 150 3 H

**FOR REVERSE RAIL CABLE LADDER,
SEE PAGES 54-55**

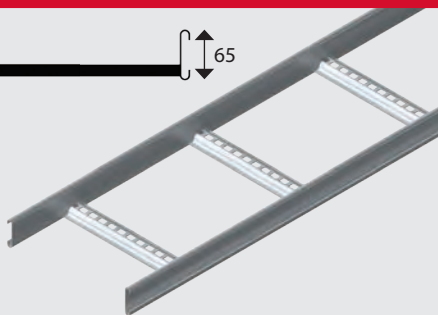
N1 NEMA 1 CABLE LADDER

SPAN	LOAD PER METRE
3.0m	112kg
2.5m	160kg
2.0m	233kg
1.5m	248kg

Meets **Nema 12A** loading requirements

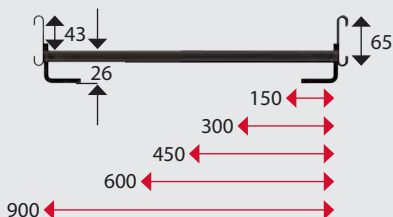
3m lengths standard (Also available in 6m lengths)

Width (mm)	Weight (kg)	Hot Dip Galvanised
150	9.3/3m	N1L150H A
300	10.5/3m	N1L300H A
450	11.7/3m	N1L450H A
600	12.9/3m	N1L600H A
900	15.3/3m	N1L900H A



D ALSO AVAILABLE IN STAINLESS STEEL AS MADE TO ORDER (MTO).

N1RL NEMA 1 RISER CABLE LADDER



Tabs pre welded during manufacture to allow vertical installation.

Available in 3m or 6m lengths as made to order.

Meets **Nema 12A** loading requirements



D AVAILABLE AS MADE TO ORDER (MTO).

Service Guide Key: **A** Usually in stock at all branches

C Normal lead time

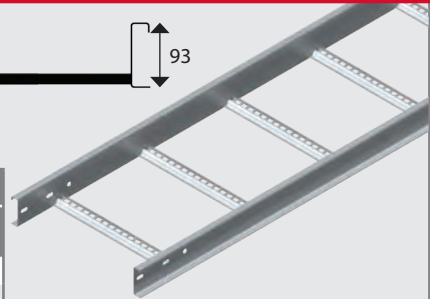
B Usually in stock at head office

D Made to Order (lead time on enquiry)

N2 NEMA 2 CABLE LADDER

LOAD PER METRE	
6.0m	50kg
5.5m	60kg
5.0m	72kg
4.5m	89kg
4.0m	113kg

Width (mm)	Hot Dip Galvanised		Stainless Steel	
	Weight (kg)	Part No.	Weight (kg)	Part No.
150	20.8/6m	N2L150H A	25/6m	N2L150S C
300	23.2/6m	N2L300H A	27.2/6m	N2L300S C
450	25.6/6m	N2L450H A	29.5/6m	N2L450S C
600	28/6m	N2L600H A	31.8/6m	N2L600S C
900	32.3/6m	N2L900H A	30.9/6m	N2L900S D

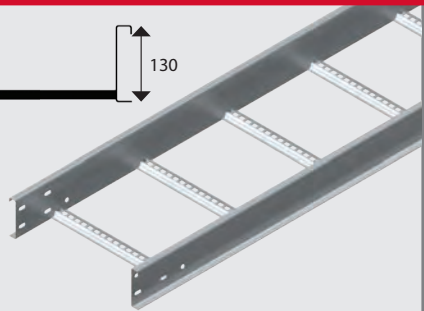
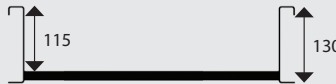


Meets **Nema 16A** loading requirements.
6m lengths standard
(Also available in 3m lengths)

N3 NEMA 3 CABLE LADDER

LOAD PER METRE	
6.0m	111kg
5.5m	127kg
5.0m	134kg
4.5m	165kg
4.0m	209kg

Width (mm)	Hot Dip Galvanised		Stainless Steel	
	Weight (kg)	Part No.	Weight (kg)	Part No.
150	32.7/6m	N3L150H A	38.5/6m	N3L150S C
300	35.1/6m	N3L300H A	40.8/6m	N3L300S C
450	37.5/6m	N3L450H A	43.1/6m	N3L450S C
600	39.9/6m	N3L600H A	45.4/6m	N3L600S C
900	44.7/6m	N3L900H B	50/6m	N3L900S D

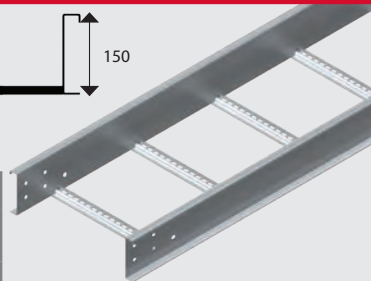


Meets **Nema 20B** loading requirements.
6m lengths standard
(Also available in 3m lengths)

N20C NEMA 20C CABLE LADDER — IEC 61537

LOAD PER METRE	
6.0m	149kg
5.5m	177kg
5.0m	215kg
4.5m	256kg
4.0m	256kg

Width (mm)	Hot Dip Galvanised		Stainless Steel	
	Weight (kg)	Part No.	Weight (kg)	Part No.
150	45.6/6m	N20CL150H B	54/6m	N20CL150S C
300	48/6m	N20CL300H B	56.3/6m	N20CL300S C
450	50.4/6m	N20CL450H B	58.6/6m	N20CL450S C
600	52.9/6m	N20CL600H B	60.9/6m	N20CL600S C
900	57.6/6m	N20CL900H C	65.5/6m	N20CL900S D



Meets **Nema 20C** loading requirements.
6m lengths standard
(Also available in 3m lengths)

FASTENERS

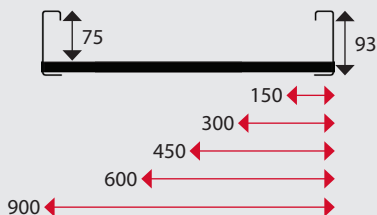
STRUT SYSTEMS

CABLE SUPPORTS

FIRERATED

PIPE SUPPORTS

N2 NEMA 2 REVERSE RAIL CABLE LADDER



LOAD PER METRE

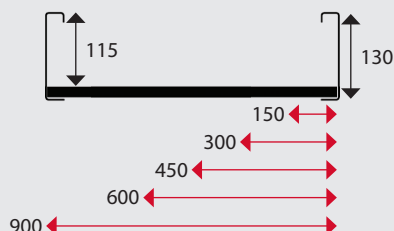
SPAN	6.0m	50kg
	5.5m	60kg
	5.0m	72kg
	4.5m	89kg
	4.0m	113kg

Meets **Nema 16A** loading requirements

6m lengths standard
(Also available in 3m lengths)

D AVAILABLE AS
MADE TO ORDER (MTO).

N3 NEMA 3 REVERSE RAIL CABLE LADDER



LOAD PER METRE

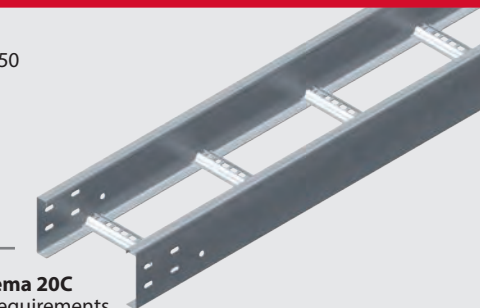
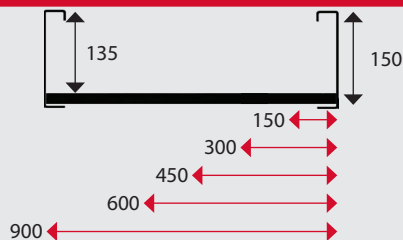
SPAN	6.0m	111kg
	5.5m	127kg
	5.0m	134kg
	4.5m	165kg
	4.0m	209kg

Meets **Nema 20B** loading requirements

6m lengths standard
(Also available in 3m lengths)

D AVAILABLE AS
MADE TO ORDER (MTO).

N20C NEMA 20C REVERSE RAIL CABLE LADDER



LOAD PER METRE

SPAN	6.0m	149kg
	5.5m	177kg
	5.0m	215kg
	4.5m	256kg
	4.0m	256kg

Meets **Nema 20C** loading requirements

6m lengths standard
(Also available in 3m lengths)

D AVAILABLE AS
MADE TO ORDER (MTO).

Service Guide Key: **A** Usually in stock at all branches

C Normal lead time

B Usually in stock at head office

D Made to Order (lead time on enquiry)

HOW TO ORDER REVERSE RAIL STEEL CABLE LADDER

Example

N3 L 300 N H



Select Ladder Size

N2	Nema 2
N3	Nema 3
WN3*	Nema 20B
WSN3*	Nema 20B
N20C	Nema 20C

Specify Ladder

L Ladder

Select Width (mm)

150
300
450
600
900

Append N

N Reverse Rail

Ignore this step for WN3 and WSN

Select Finish

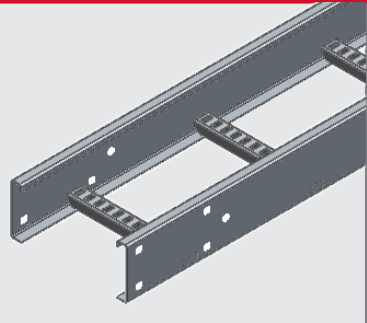
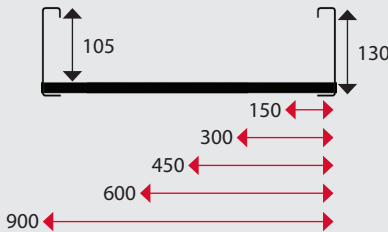
H	Hot Dip Galvanised
S	Stainless Steel

*WN3L and WSN3L Ladder are ex Western Australia.

D

STEEL NEMA 2, 3 AND 20C LADDERS ARE AVAILABLE AS MADE TO ORDER (MTO) IN "REVERSE RAIL" DESIGN WHERE THE SIDE RAIL RETURNS INWARDS.

WN3L NEMA 20B REVERSE RAIL CABLE LADDER (ex WA)



SPAN	LOAD PER METRE	
	6.0m	118kg
	5.5m	140kg
	5.0m	170kg
	4.5m	194kg
	4.0m	185kg

Meets Nema 20B loading requirements

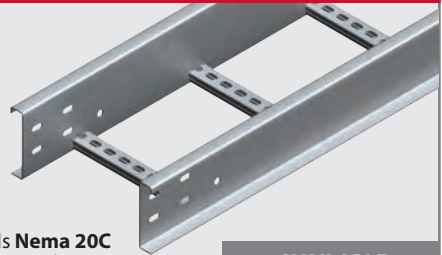
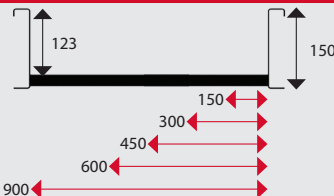
6m lengths standard
(Also available in 3m lengths)

D AVAILABLE AS MADE TO ORDER (MTO).

D

FREIGHTS FROM WESTERN AUSTRALIA. WN3L HAS A MATERIAL THICKNESS OF 1.6MM. ALSO AVAILABLE WITH 2MM MATERIAL THICKNESS (WSN3L). ASK FOR DETAILED GUIDE.

N20C NEMA 20C E4000 RUNG CABLE LADDER



SPAN	LOAD PER METRE	
	6.0m	302kg
	5.5m	333kg
	5.0m	333kg
	4.5m	333kg
	4.0m	333kg

Exceeds Nema 20C loading requirements

6m lengths standard
(Also available in 3m lengths)

D AVAILABLE AS MADE TO ORDER (MTO).



How to order

N20CL150E4 [H/S]	N20CL450E4 [H/S]	N20CL900E4 [H/S]
N20CL300E4 [H/S]	N20CL600E4 [H/S]	

FASTENERS

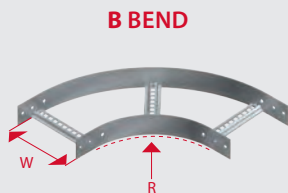
STRUT SYSTEMS

CABLE SUPPORTS

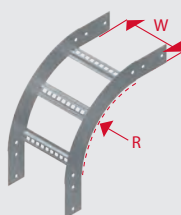
FIRERATED

PIPE SUPPORTS

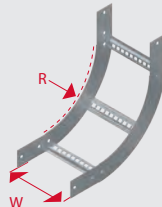
BENDS, RISERS, TEES & CROSSES FOR STEEL CABLE LADDER



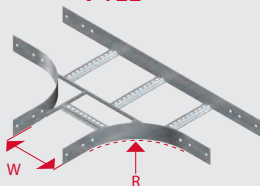
ER EXTERNAL RISER



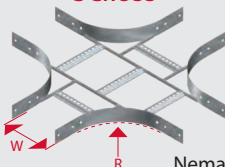
IR INTERNAL RISER



T TEE



C CROSS



D standard range shown below in hot dip galvanised but they are also available in Stainless Steel and other radius options as Made to Order.

Nema 2 Fittings shown for illustration purposes.

Nema 1

Radius (mm)	Width (mm)	Bend		Ext. Riser		Int. Riser		Tee		Cross	
300	150	N1B1503H	A	N1ER1503H	A	N1IR1503H	A	N1T1503H	B	N1C1503H	D
	300	N1B3003H	A	N1ER3003H	A	N1IR3003H	A	N1T3003H	B	N1C3003H	D
	450	N1B4503H	A	N1ER4503H	A	N1IR4503H	A	N1T4503H	B	N1C4503H	D
	600	N1B6003H	A	N1ER6003H	A	N1IR6003H	A	N1T6003H	B	N1C6003H	D
	900	N1B9003H	D	N1ER9003H	D	N1IR9003H	D	N1T9003H	D	N1C9003H	D

Nema 2

Radius (mm)	Width (mm)	Bend		Ext. Riser		Int. Riser		Tee		Cross	
450	150	N2B1504H	A	N2ER1504H	A	N2IR1504H	A	N2T1504H	A	N2C1504H	D
	300	N2B3004H	A	N2ER3004H	A	N2IR3004H	A	N2T3004H	A	N2C3004H	D
	450	N2B4504H	A	N2ER4504H	A	N2IR4504H	A	N2T4504H	A	N2C4504H	D
	600	N2B6004H	A	N2ER6004H	A	N2IR6004H	A	N2T6004H	A	N2C6004H	D
	900	N2B9004H	D	N2ER9004H	D	N2IR9004H	D	N2T9004H	D	N2C9004H	D

Nema 3

Radius (mm)	Width (mm)	Bend		Ext. Riser		Int. Riser		Tee		Cross	
450	150	N3B1504H	A	N3ER1504H	A	N3IR1504H	A	N3T1504H	B	N3C1504H	D
	300	N3B3004H	A	N3ER3004H	A	N3IR3004H	A	N3T3004H	B	N3C3004H	D
	450	N3B4504H	A	N3ER4504H	A	N3IR4504H	A	N3T4504H	B	N3C4504H	D
	600	N3B6004H	A	N3ER6004H	A	N3IR6004H	A	N3T6004H	B	N3C6004H	D
	900	N3B9004H	D	N3ER9004H	D	N3IR9004H	D	N3T9004H	D	N3C9004H	D

Nema 20C

Radius (mm)	Width (mm)	Bend		Ext. Riser		Int. Riser		Tee		Cross	
450	150	N20CB1504H	B	N20CER1504H	C	N20CIR1504H	C	N20CT1504H	C	N20CC1504H	D
	300	N20CB3004H	B	N20CER3004H	C	N20CIR3004H	C	N20CT3004H	C	N20CC3004H	D
	450	N20CB4504H	B	N20CER4504H	C	N20CIR4504H	C	N20CT4504H	C	N20CC4504H	D
	600	N20CB6004H	B	N20CER6004H	C	N20CIR6004H	C	N20CT6004H	C	N20CC6004H	D
	900	N20CB9004H	D	N20CER9004H	D	N20CIR9004H	D	N20CT9004H	D	N20CC9004H	D

Service Guide Key:



Usually in stock at all branches



Usually in stock at head office



Normal lead time



Made to Order (lead time on enquiry)

HOW TO ORDER STEEL CABLE LADDER FITTINGS

— Bends, Internal/External Risers, Tees & Crosses



Example

N2 B 600 4 S

Select Ladder Size

N1	Nema 1
N2	Nema 2
N3	Nema 3
WN3L*	Nema 20B
WSN3L*	Nema 20B
N20C	Nema 20C

Specify Fitting

B	Bend
ER	Ext. Riser
IR	Int. Riser
T	Tee
C	Cross

Select Width - W (mm)

150
300
450
600
900

Select Radius -R (mm)

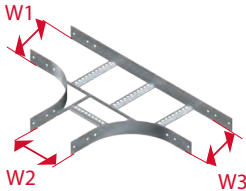
3	300
4	450
6	600

Select Finish

H	Hot Dip
	Galvanised
S	Stainless Steel

*WN3L and WSN3L Fittings are ex Western Australia.

D CUSTOM TEE ORDERING



When ordering custom tees with different width entries, specify width in order of W1, W2, W3.

Example:

N2T3001503004H

W1 = 300mm

W2 = 150mm

W3 = 300mm

— Straight & Left Hand/Right Hand Reducers

Example

N2 RHR 600 300 H



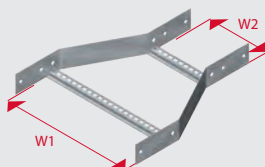
Select Ladder Size	Specify Fitting	Select Width 1 (mm)	Select Width 2 (mm)	Select Finish
N1 Nema 1	SR St. Reducer	150	150	H Hot Dip Galvanised
N2 Nema 2	LHR Lh. Reducer	300	300	S Stainless Steel
N3 Nema 3	RHR Rh. Reducer	450	450	
WN3L* Nema 20B		600	600	
WSN3L* Nema 20B		900		
N20C Nema 20C				

*WN3L and WSN3L Fittings are ex Western Australia.

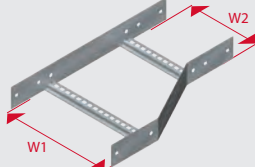
D CUSTOM FITTINGS ARE AVAILABLE AS MADE TO ORDER (MTO).

REDUCERS FOR STEEL CABLE LADDER

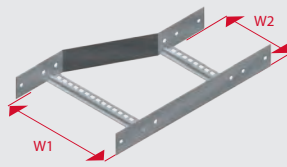
SR STRAIGHT REDUCER



LHR LEFT HAND REDUCER



RHR RIGHT HAND REDUCER



Nema 2 Fittings shown for illustration purposes.

SERVICE GUIDE

Steel Nema 1, 2, 3, 20C, WN3L and WSN3L Cable Ladder Reducers are

C OR **D**

Check with your local representative at time of enquiry.

ECONOMY REDUCER FOR STEEL CABLE LADDER

C ALSO AVAILABLE IN STAINLESS STEEL.

NEMA 1



NEMA 2



NEMA 3



NEMA 20C



Width (mm)	Nema1	Nema 2	Nema 3	Nema 20C
150	N1ECR150H A	N2ECR150H A	N3ECR150H A	N20CECR150H C
300	N1ECR300H A	N2ECR300H A	N3ECR300H A	N20CECR300H C
450	N1ECR450H C	N2ECR450H C	N3ECR450H C	N20CECR450H C
600	N1ECR600H C	N2ECR600H C	N3ECR600H C	N20CECR600H C

Service Guide Key: **A** Usually in stock at all branches **B** Usually in stock at head office
C Normal lead time **D** Made to Order (lead time on enquiry)

S SPLICE

NEMA 1		NEMA 2		NEMA 3		NEMA 20C	
2 x HS820 Hex Screws supplied per Splice Plate.		4 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.		8 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.		8 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.	
Nema1		Nema 2		Nema 3		Nema 20C	
N1SH	A	N2SH	A	N3SH	A	N20CSH	B
N1SS	B	N2SS	B	N3SS	B	N20CSS	C

Example

Use in pairs
Nema 2 shown

FASTENERS

STRUT SYSTEMS

VS VERTICAL SPLICE

NEMA 1		NEMA 2		NEMA 3		NEMA 20C	
2 x HS820 Hex Screws supplied per Splice Plate.		4 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.		8 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.		8 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.	
Nema1		Nema 2		Nema 3		Nema 20C	
N1VSH	A	N2VSH	A	N3VSH	A	N20CVSH	B
N1VSS	B	N2VSS	B	N3VSS	B	N20CVSS	C

Example

Use in pairs
Nema 2 shown

CABLE SUPPORTS

HS HORIZONTAL SPLICE

NEMA 1		NEMA 2		NEMA 3		NEMA 20C	
2 x HS820 Hex Screws supplied per Splice Plate.		4 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.		8 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.		8 x SB Splice Bolts and CN Splice Nuts required per Splice Plate.	
Nema1		Nema 2		Nema 3		Nema 20C	
N1HSH	A	N2HSH	A	N3HSH	A	N20CHSH	B
N1HSS	B	N2HSS	B	N3HSS	B	N20CHSS	C

Example

Use in pairs
Nema 2 shown

FIRERATED

SHB HANGING SPLICE BRACKET (NEMA 1 PRODUCT ONLY)

2 x **HS820** Hex Screws supplied per Splice Plate.

Example





Use in pairs

Threaded Rod Size	Nema 1 only	
	Part No.	Service Guide
10	N1SHB10H	A
12	N1SHB12H	D

D ALSO AVAILABLE IN STAINLESS STEEL AS MADE TO ORDER (MTO).

PIPE SUPPORTS

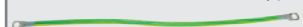
CC COVER CLAMPS

NEMA 1	NEMA 2	NEMA 3	NEMA 20C
			
Nema1	Nema 2	Nema 3	Nema 20C
N1CCH A	N2CCH A	N3CCH A	N20CCCH B
N1CCS B	N2CCS B	N3CCS D	N20CCCS B

EARTH STRAPS



35mm², 50mm² or 70mm² Type



Type (mm ²)	Size (mm)	Part No.
35	350	ES35-350 B
	400	ES35-400 D
	450	ES35-450 C
	500	ES35-500 C
50	450	ES50-450 D
	450	ES70-450 B
	600	ES70-600 C

C **STAINLESS STEEL LUG
OPTIONS AVAILABLE**

RLCC RETURN LIP COVER CLAMP

Suitable for N2/ N3/ N20C

Nema	Stainless Steel	
	Part No.	Service Guide
N2	RLCCS	B
N3		
N20C		

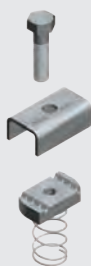


HDU HOLD DOWN UNITS

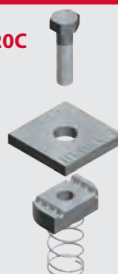
Secure your ladder to channel/strut.
Supplied complete with hold down plate,
spring nut and screw.

Nema	Hot Dip Galvanised		Stainless Steel	
N1	N1H DUH	A	N1H DUS	A
N2	N2H DUH	A	N2H DUS	A
N3	N3H DUH	A	N3H DUS	A
N20C				





NEMA 1



NEMA 2, 3, 20C



CSC COVER SPRING CLIPS

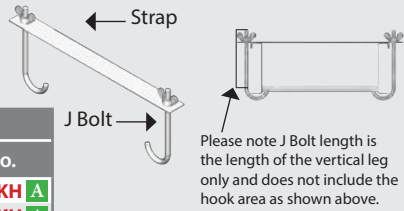
NEMA 1	NEMA 2	NEMA 3	NEMA 20C
			
Nema1	Nema 2	Nema 3	Nema 20C
N1CSCS D	N2CSCS D	N3CSCS D	N20CCSCS D

Service Guide Key: A Usually in stock at all branches B Usually in stock at head office
C Normal lead time D Made to Order (lead time on enquiry)

CS COVER STRAP KIT

Supplied as a Cover Strap and J Bolt Kit. Specify ladder size and width when ordering. Suitable for Nema 2 and Nema 3 steel ladder only. Wing nuts supplied.

Ladder Width (mm)	Nema 2		Nema 3	
	J-Bolt	Part No.	J-Bolt	Part No.
150	M10x120	N2CS150KH A	M10x150	N3CS150KH A
300	M10x120	N2CS300KH A	M10x150	N3CS300KH A
450	M10x120	N2CS450KH A	M10x150	N3CS450KH A
600	M10x120	N2CS600KH A	M10x150	N3CS600KH A



D ALSO AVAILABLE AS MTO IN STAINLESS STEEL

CS PEAKED COVER STRAP

Ladder Width (mm)	Part No.
150	N2CPS150H
300	N2CPS300H
450	N2CPS450H

D PEAKED COVER STRAPS ARE AVAILABLE AS MADE TO ORDER (MTO) IN HOT DIP GALVANISED.

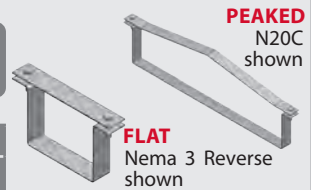
Suitable for Nema 2 and Nema 3 steel ladder only.



CCS CYCLONIC COVER FLAT AND PEAKED STRAPS

Cyclonic Cover Flat Straps and Cyclonic Cover Peaked Straps are available for Nema 3 and Nema20C. Design will vary to suit the wind load requirements per project.

Ladder Width (mm)	Flat		Peaked	
	Nema 3	Nema 20C	Nema 3	Nema 20C
150	N3CCS150	N20CCCS150	N3CCPS150	N20CCCP150
300	N3CCS300	N20CCCS300	N3CCPS300	N20CCCP300
450	N3CCS450	N20CCCS450	N3CCPS450	N20CCCP450
600	N3CCS600	N20CCCS600	N3CCPS600	N20CCCP600
900	N3CCS900	N20CCCS900	N3CCPS900	N20CCCP900



D AVAILABLE AS MADE TO ORDER (MTO) IN HOT DIP GALVANISED AND STAINLESS STEEL

DS DIVIDER STRIPS

2 x **H5620** Hex Screws and **E3016** Channel Nuts required for installation.
3m Standard Length

Nema	Pre-Galvanised	Hot Dip Galvanised	Stainless Steel
N1	N1ET/3DSG A	N1ET/3DSH A	N1ET/3DSS C
N2	N2DSG B	N2DSH A	N2DSS B
N3	N3/20CDSG C	N3/20CDSH A	N3/20CDSS C
N20C			

