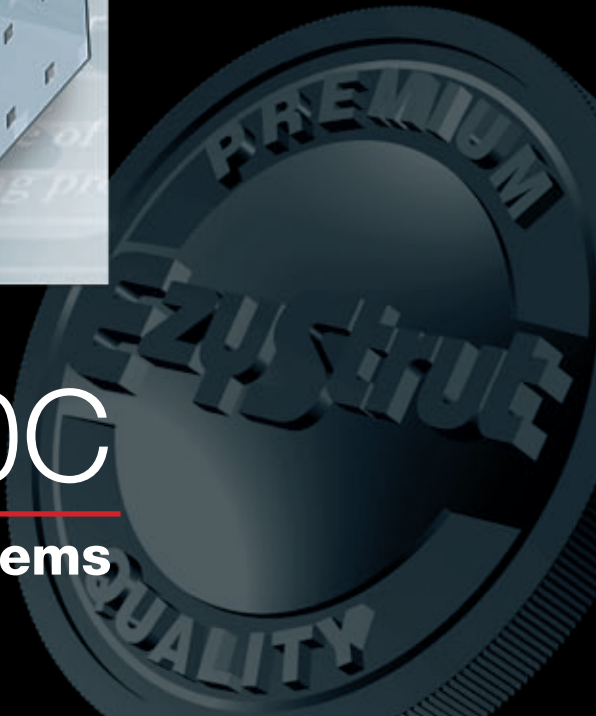


EzyStrut



NEMA 20C
cable support systems



GALVANISED/STAINLESS STEEL

NEMA 20C Cable Ladder	2
NEMA 20C Cable Ladder Bend	3
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CABLE LADDER SPLICES

Splice Plate	11
Vertical Splice Plate	11
Horizontal Splice Plate	11

CABLE LADDER ACCESSORIES

Hold Down Unit	12
Cover Clamp	12
Divider Strip	12

PRODUCT DETAILS

Nema 20C cable ladder is manufactured from strip steel to the following Standards:

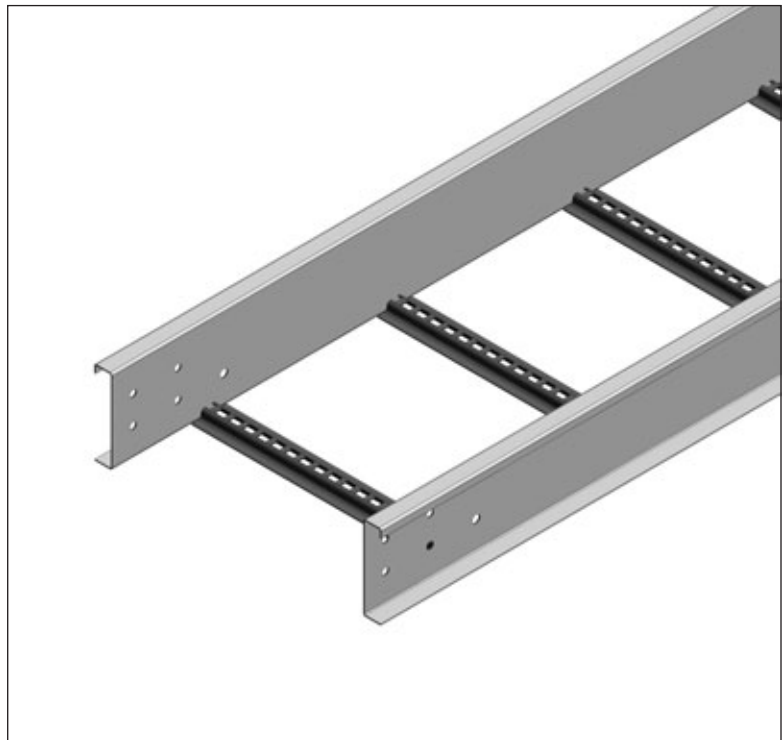
- Mild steel and hot dip galvanised to AS/NZS1365, AS1594, AS/NZS4680, ISO1461,
- Stainless steel to AS1449/AS2837.

STANDARD LENGTH

- 6 metres.
- 3 metres (manufactured against firm orders only).

Consult your local Sales Office for specific loading capacities and installation techniques that must be followed in order to comply with the AS/NZS3013 standard.

Meets the loading requirements of Nema 20C classification.
Fire Rated to AS/NZS 3013:1995*



NEMA 20C LADDER

ORDERING DETAILS

Sold per length.

Available finish:

- H** – Hot dip galvanised,
- S** – Stainless steel,

Stainless Steel products are manufactured against firm orders only.

Minimum production quantities may apply.

Ordering Code	Cable Laying Width mm	Cable Laying Depth mm	Overall Width mm	Side Rail Height mm
N20CL150 -	150	135	214	150
N20CL300 -	300	135	364	150
N20CL450 -	450	135	514	150
N20CL600 -	600	135	664	150
N20CL900 -	900	135	964	150

↑
 H - Hot Dip Galvanised
 S - Stainless Steel

LOAD RATING AND DEFLECTION

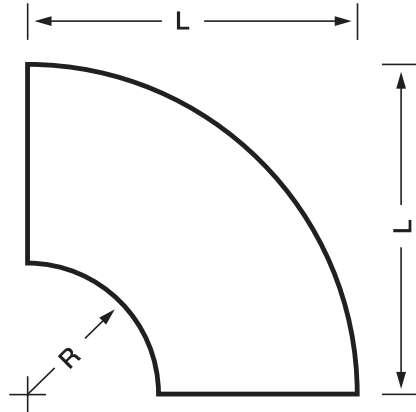
Span (metres)	Load per Metre	Deflection
6.0	149 kg	24 mm
5.5	177 kg	20 mm
5.0	215 kg	17 mm
4.5	265 kg	12 mm
4.0	335 kg	11 mm

Nema 20C Cable Ladder has been tested in accordance with NEMA standards and the load ratings certified by a NATA accredited testing facility.

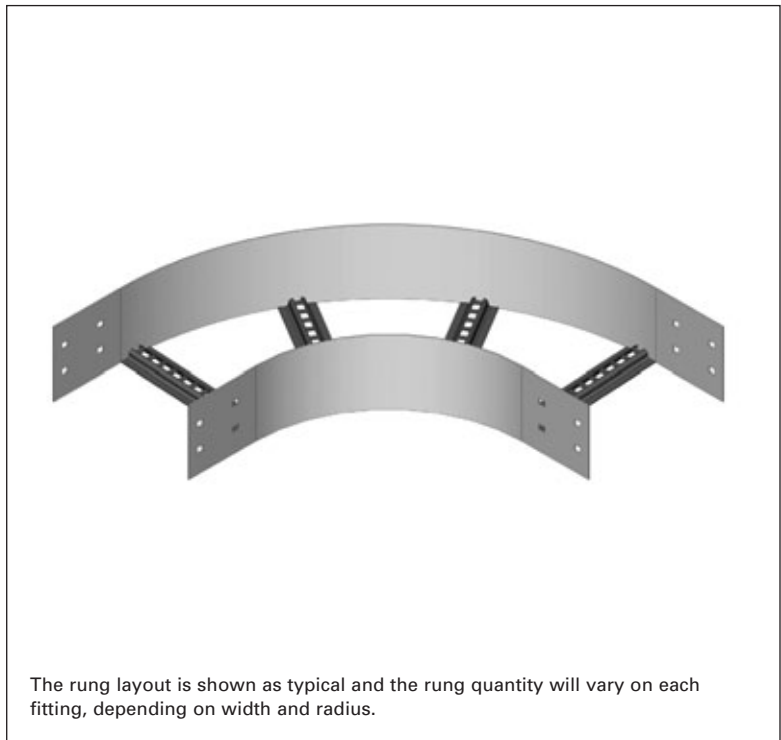
A guide to deflection for continuous runs has been included for easy reference, however it should be noted that the positioning of splice joints and loading techniques can significantly impact upon the actual deflection. Refer to NEMA VE2 Installation guidelines for further explanation.

PRODUCT DETAILS

The standard radius for NEMA 20C cable ladder fittings is 450 mm.



Length does not include built in splice plates.

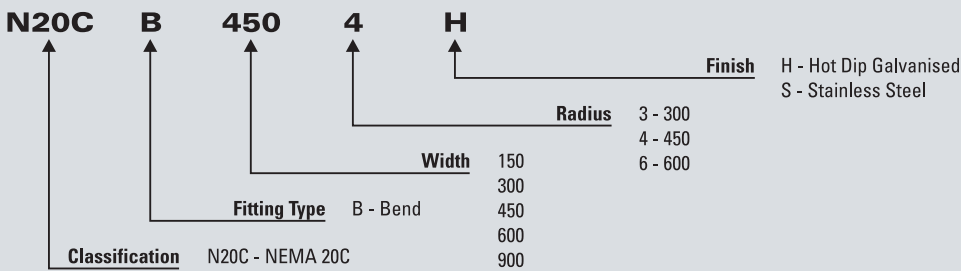


The rung layout is shown as typical and the rung quantity will vary on each fitting, depending on width and radius.

CABLE LADDER BEND

ORDERING DETAILS

Example for a NEMA 20C Bend 450 wide, 450 radius, hot dip galvanised.



- 16 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.

- Non standard radius, hot dip galvanised fittings are manufactured against firm orders only.

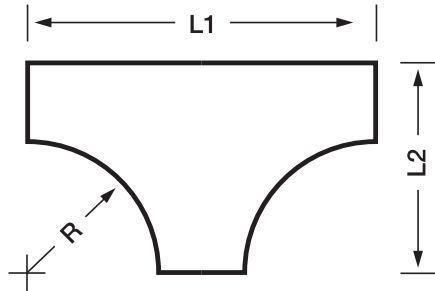
- Stainless steel fittings are manufactured against firm orders only.

	Ordering Code	Cable Laying Width mm	Cable Laying Depth mm	Length (L) mm
300 Radius	N20CB1503 -	150	129	450
	N20CB3003 -	300	129	600
	N20CB4503 -	450	129	750
	N20CB6003 -	600	129	900
	N20CB9003 -	900	129	1200
450 Radius	N20CB1504 -	150	129	600
	N20CB3004 -	300	129	750
	N20CB4504 -	450	129	900
	N20CB6004 -	600	129	1050
	N20CB9004 -	900	129	1350
600 Radius	N20CB1506 -	150	129	750
	N20CB3006 -	300	129	900
	N20CB4506 -	450	129	1050
	N20CB6006 -	600	129	1200
	N20CB9006 -	900	129	1500

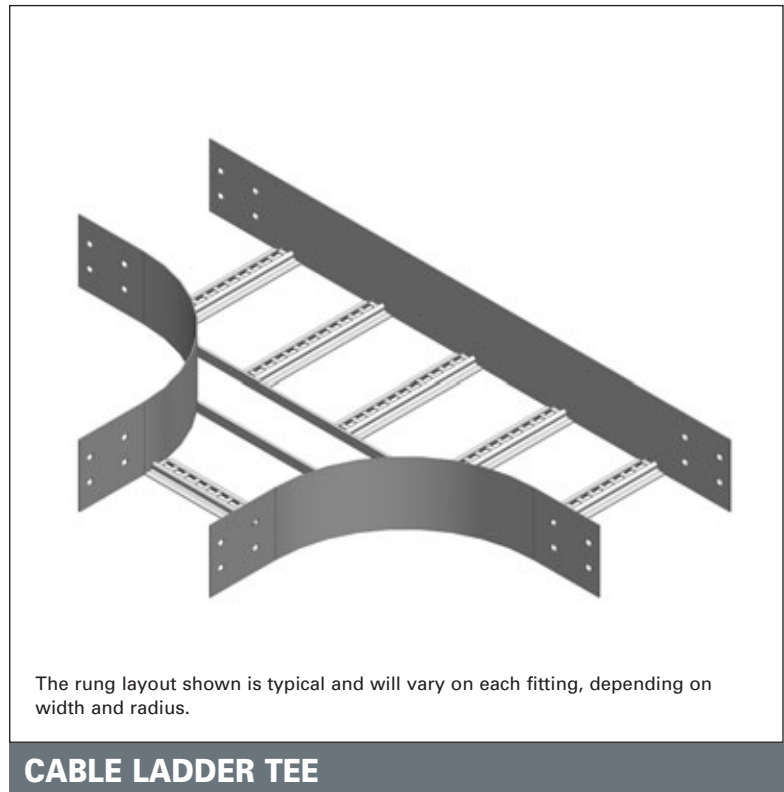


PRODUCT DETAILS

The standard radius for NEMA 20C cable ladder fittings is 450 mm.



Length does not include built in splice plates.

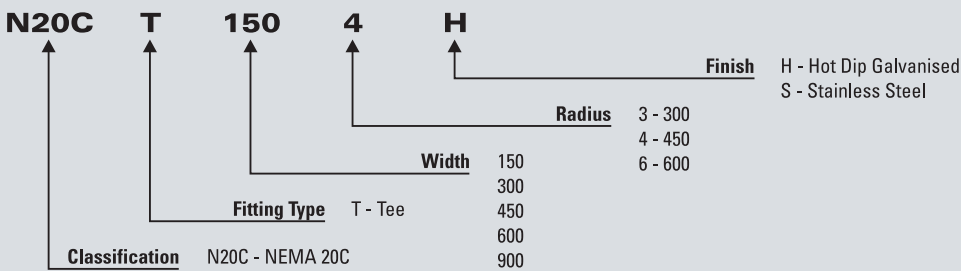


The rung layout shown is typical and will vary on each fitting, depending on width and radius.

CABLE LADDER TEE

ORDERING DETAILS

Example for a NEMA 20C Tee 150 wide, 450 radius, hot dip galvanised.



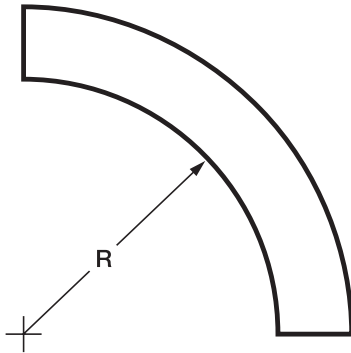
- 24 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.
- Non standard radius, hot dip galvanised fittings are manufactured against firm orders only.
- Stainless steel fittings are manufactured against firm orders only.

	Ordering Code	Cable Laying Width mm	Cable Laying Depth mm	Length 1 (L1) mm	Length 2 (L2) mm
300 Radius	N20CT1503 -	150	129	750	450
	N20CT3003 -	300	129	900	600
	N20CT4503 -	450	129	1050	750
	N20CT6003 -	600	129	1200	900
	N20CT9003 -	900	129	1500	1200
450 Radius	N20CT1504 -	150	129	1050	600
	N20CT3004 -	300	129	1200	750
	N20CT4504 -	450	129	1350	900
	N20CT6004 -	600	129	1500	1050
	N20CT9004 -	900	129	1800	1350
600 Radius	N20CT1506 -	150	129	1350	750
	N20CT3006 -	300	129	1500	900
	N20CT4506 -	450	129	1650	1050
	N20CT6006 -	600	129	1800	1200
	N20CT9006 -	900	129	2100	1500

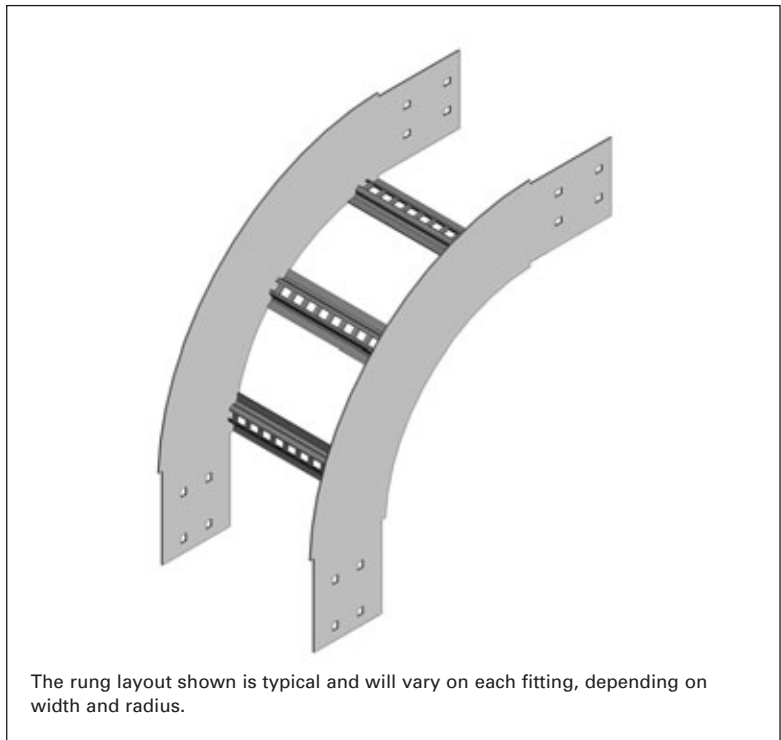
H - Hot Dip Galvanised
S - Stainless Steel

PRODUCT DETAILS

The standard radius for NEMA 20C cable ladder fittings is 450 mm.



Length does not include built in splice plates.

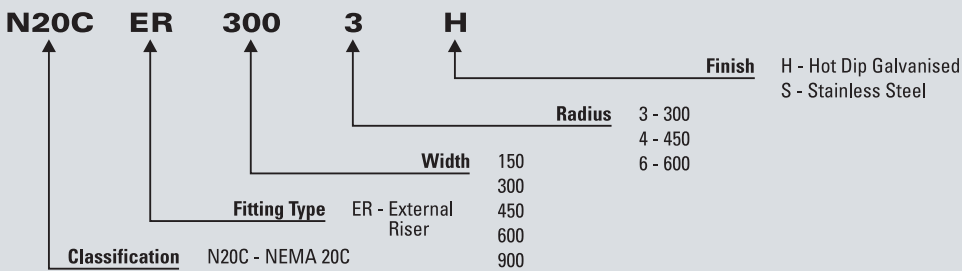


The rung layout shown is typical and will vary on each fitting, depending on width and radius.

CABLE LADDER EXTERNAL RISER

ORDERING DETAILS

Example for a NEMA 20C External Riser 300 wide, 300 radius, hot dip galvanised.



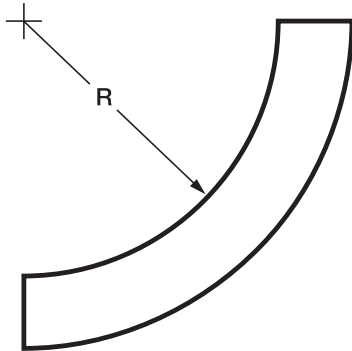
- 16 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.
- Non standard radius, hot dip galvanised fittings are manufactured against firm orders only.
- Stainless steel fittings are manufactured against firm orders only.

	Ordering Code	Cable Laying Width mm	Cable Laying Depth mm
300 Radius	N20CER1503 -	150	129
	N20CER3003 -	300	129
	N20CER4503 -	450	129
	N20CER6003 -	600	129
	N20CER9003 -	900	129
450 Radius	N20CER1504 -	150	129
	N20CER3004 -	300	129
	N20CER4504 -	450	129
	N20CER6004 -	600	129
	N20CER9004 -	900	129
600 Radius	N20CER1506 -	150	129
	N20CER3006 -	300	129
	N20CER4506 -	450	129
	N20CER6006 -	600	129
	N20CER9006 -	900	129

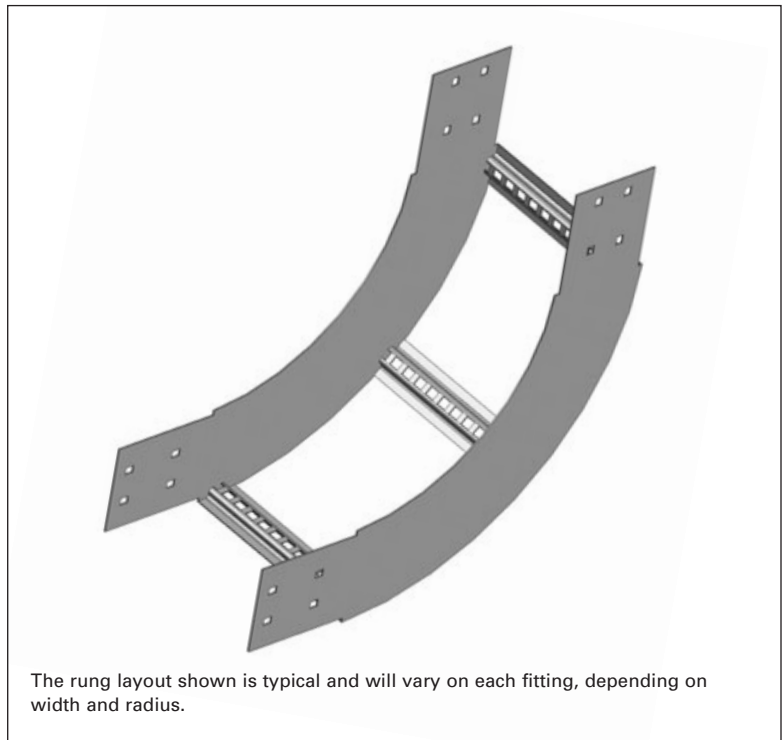
H - Hot Dip Galvanised
S - Stainless Steel

PRODUCT DETAILS

The standard radius for NEMA 20C cable ladder fittings is 450 mm.



Length does not include built in splice plates.

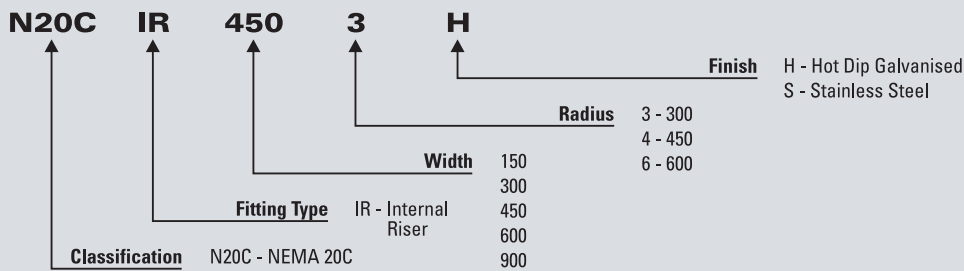


The rung layout shown is typical and will vary on each fitting, depending on width and radius.

CABLE LADDER INTERNAL RISER

ORDERING DETAILS

Example for a NEMA 20C Internal Riser 450 wide, 300 radius, hot dip galvanised.



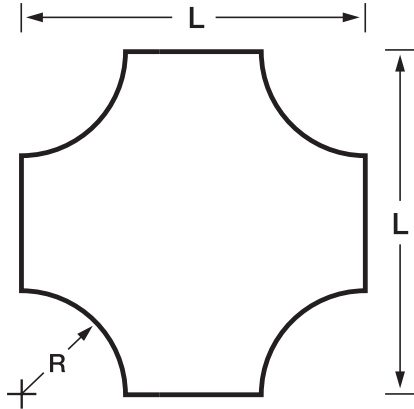
- 16 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.
- Non standard radius, hot dip galvanised fittings are manufactured against firm orders only.
- Stainless steel fittings are manufactured against firm orders only.

	Ordering Code	Cable Laying Width mm	Cable Laying Depth mm
300 Radius	N20CIR1503 -	150	129
	N20CIR3003 -	300	129
	N20CIR4503 -	450	129
	N20CIR6003 -	600	129
	N20CIR9003 -	900	129
450 Radius	N20CIR1504 -	150	129
	N20CIR3004 -	300	129
	N20CIR4504 -	450	129
	N20CIR6004 -	600	129
	N20CIR9004 -	900	129
600 Radius	N20CIR1506 -	150	129
	N20CIR3006 -	300	129
	N20CIR4506 -	450	129
	N20CIR6006 -	600	129
	N20CIR9006 -	900	129

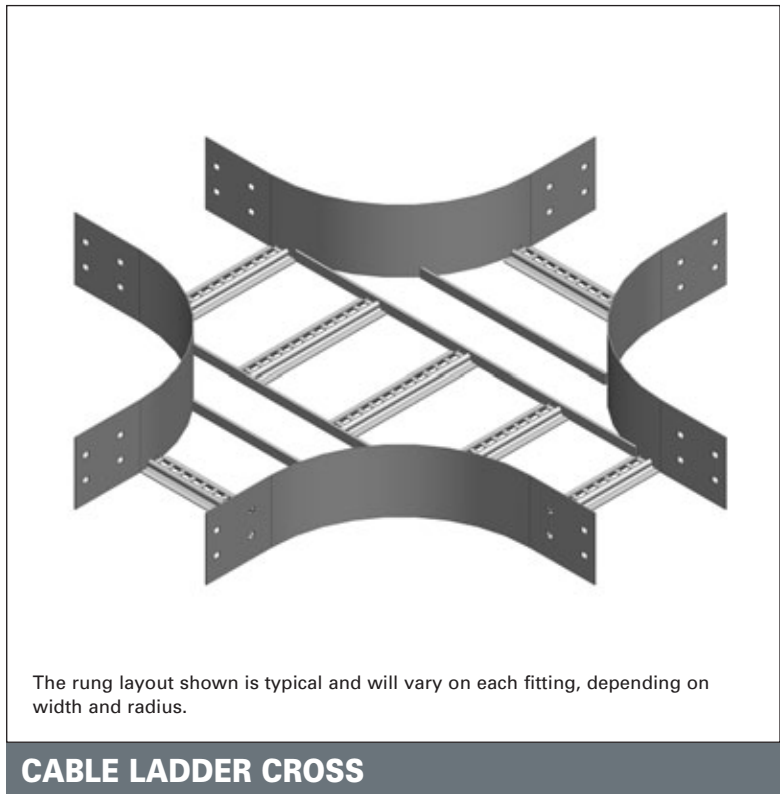
H - Hot Dip Galvanised
S - Stainless Steel

PRODUCT DETAILS

The standard radius for NEMA 20C cable ladder fittings is 450 mm.



Length does not include built in splice plates.

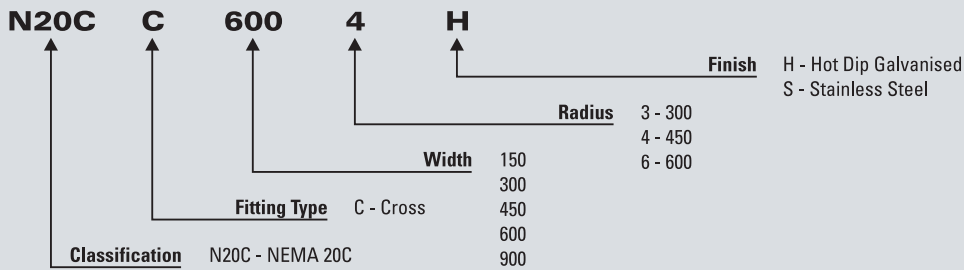


The rung layout shown is typical and will vary on each fitting, depending on width and radius.

CABLE LADDER CROSS

ORDERING DETAILS

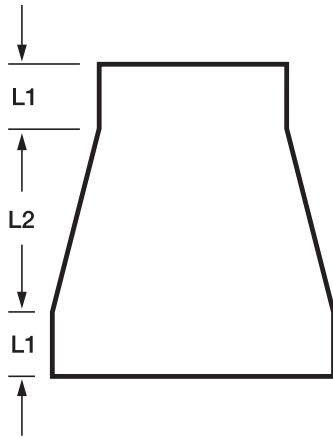
Example for a NEMA 20C Cross 600 wide, 450 radius, hot dip galvanised.



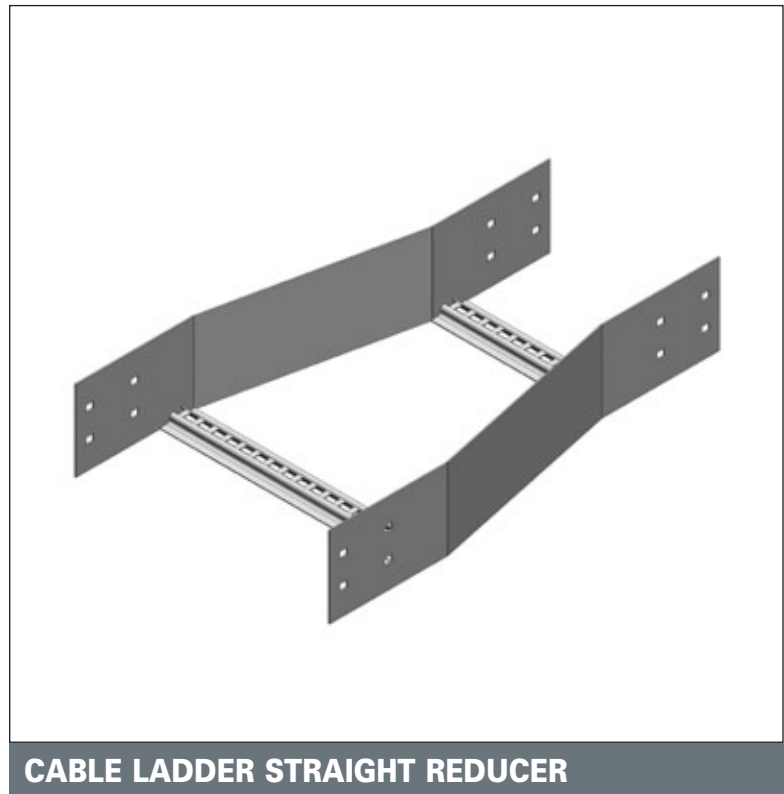
- 32 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.
- Non standard radius, hot dip galvanised fittings are manufactured against firm orders only.
- Stainless steel fittings are manufactured against firm orders only.

	Ordering Code	Cable Laying Width mm	Cable Laying Depth mm	Length 1 (L1) mm	Length 2 (L2) mm
300 Radius	N20CC1503 -	150	129	750	750
	N20CC3003 -	300	129	900	900
	N20CC4503 -	450	129	1050	1050
	N20CC6003 -	600	129	1200	1200
	N20CC9003 -	900	129	1500	1500
450 Radius	N20CC1504 -	150	129	1050	1050
	N20CC3004 -	300	129	1200	1200
	N20CC4504 -	450	129	1350	1350
	N20CC6004 -	600	129	1500	1500
	N20CC9004 -	900	129	1800	1800
600 Radius	N20CC1506 -	150	129	1350	1350
	N20CC3006 -	300	129	1500	1500
	N20CC4506 -	450	129	1650	1650
	N20CC6006 -	600	129	1800	1800
	N20CC9006 -	900	129	2100	2100

H - Hot Dip Galvanised
S - Stainless Steel



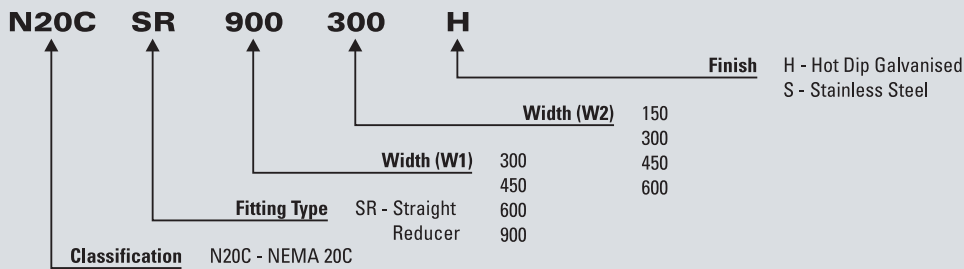
Length does not include built in splice plates.



CABLE LADDER STRAIGHT REDUCER

ORDERING DETAILS

Example for a NEMA 20C Straight Reducer 900 wide, reducing to 300 wide, hot dip galvanised.

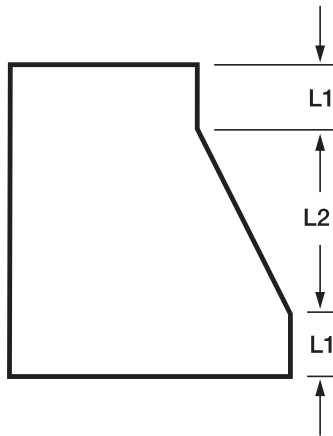


- 16 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.

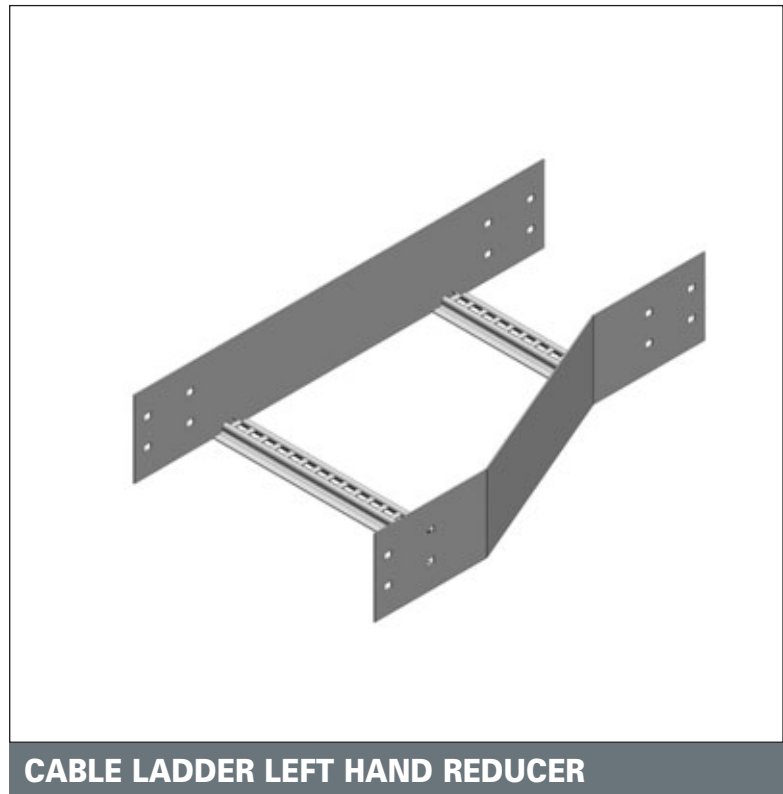
- Reducers are manufactured against firm orders only.

Ordering Code	Cable Laying Depth mm	Length 1 (L1) mm	Length 2 (L2) mm
N20CSR900600 -	129	100	300
N20CSR900450 -	129	100	300
N20CSR900300 -	129	100	300
N20CSR900150 -	129	100	300
N20CSR600450 -	129	100	300
N20CSR600300 -	129	100	300
N20CSR600150 -	129	100	300
N20CSR450300 -	129	100	300
N20CSR450150 -	129	100	300
N20CSR300150 -	129	100	300

H - Hot Dip Galvanised
S - Stainless Steel



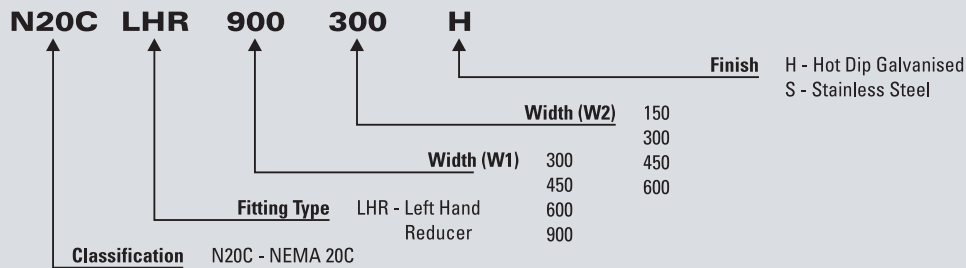
Length does not include built in splice plates.



CABLE LADDER LEFT HAND REDUCER

ORDERING DETAILS

Example for a NEMA 20C Left Hand Reducer 900 wide, reducing to 300 wide, hot dip galvanised.

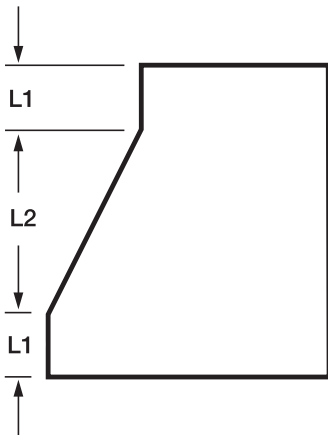


- 16 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.

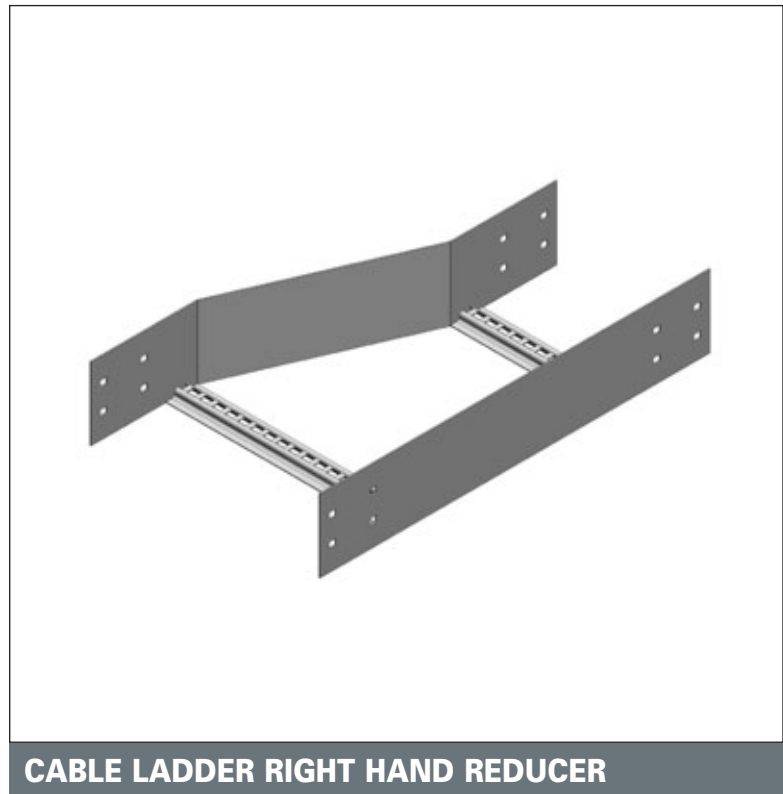
- Reducers are manufactured against firm orders only.

Ordering Code	Cable Laying Depth mm	Length 1 (L1) mm	Length 2 (L2) mm
N20CLHR900600 -	129	100	300
N20CLHR900450 -	129	100	300
N20CLHR900300 -	129	100	300
N20CLHR900150 -	129	100	300
N20CLHR600450 -	129	100	300
N20CLHR600300 -	129	100	300
N20CLHR600150 -	129	100	300
N20CLHR450300 -	129	100	300
N20CLHR450150 -	129	100	300
N20CLHR300150 -	129	100	300

H - Hot Dip Galvanised
S - Stainless Steel



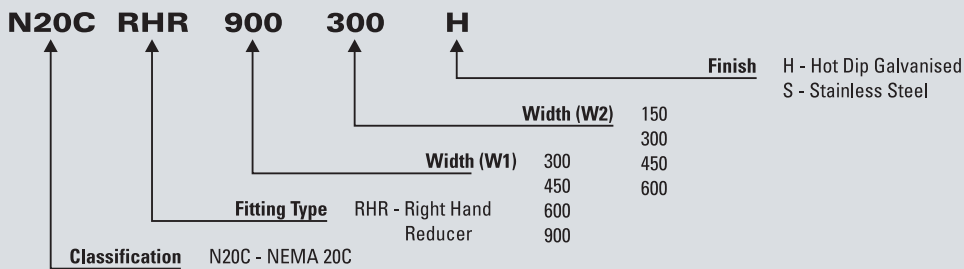
Length does not include built in splice plates.



CABLE LADDER RIGHT HAND REDUCER

ORDERING DETAILS

Example for a NEMA 20C Right Hand Reducer 900 wide, reducing to 300 wide, hot dip galvanised.



- 16 splice bolts (SBH or SBS) and splice nuts (SNH or SNS) should be ordered separately for installation.

- Reducers are manufactured against firm orders only.

Ordering Code	Cable Laying Depth mm	Length 1 (L1) mm	Length 2 (L2) mm
N20CRHR900600 -	129	100	300
N20CRHR900450 -	129	100	300
N20CRHR900300 -	129	100	300
N20CRHR900150 -	129	100	300
N20CRHR600450 -	129	100	300
N20CRHR600300 -	129	100	300
N20CRHR600150 -	129	100	300
N20CRHR450300 -	129	100	300
N20CRHR450150 -	129	100	300
N20CRHR300150 -	129	100	300

H - Hot Dip Galvanised
S - Stainless Steel

PRODUCT DETAILS

EzyStrut Cable Ladder Splices are manufactured from sheet steel to the following AS Standards:

- Mild steel to AS/NZS1365 and Hot dip galvanised to AS/NZS4680 and ISO1461,
- Stainless steel to AS1449 and AS1837.

ORDERING DETAILS

Available finish:

- H** – Hot dip galvanised,
- S** – Stainless steel.

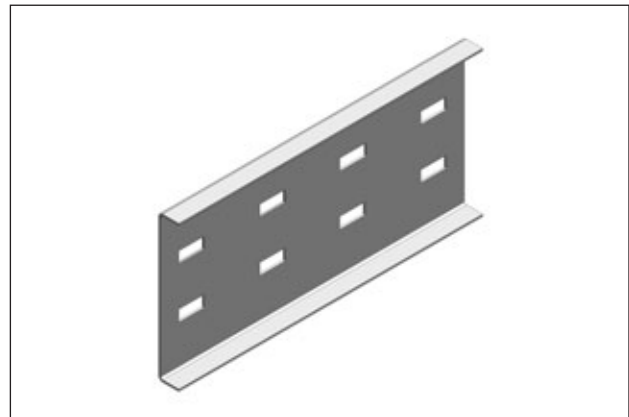
Stainless steel products are manufactured against firm orders only. Minimum batch quantities may apply.

Ordering Code	To Suit	Weight kg
N20CS	NEMA 20C	0.8

2 Splices required per length of cable ladder.

Order fasteners separately for installation:

- 8 x SB -
- 8 x SN -



SPLICE PLATE

Ordering Code	To Suit	Weight kg
N20CVS	NEMA 20C	0.89

2 Vertical Splice Plates required per length of cable ladder.

Order fasteners separately for installation:

- 8 x SB -
- 8 x SN -



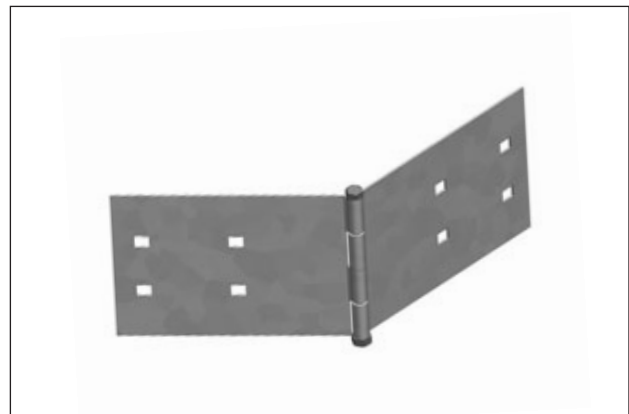
VERTICAL SPLICE PLATE

Ordering Code	To Suit	Weight kg
N20CHS	NEMA 20C	1.08

2 Horizontal Splice Plates required per length of cable ladder.

Order fasteners separately for installation:

- 8 x SB -
- 8 x SN -



HORIZONTAL SPLICE PLATE

ORDERING DETAILS

Available finish:

G - Pre galvanised (Galvabond). For Divider Strip only,

Z - Zinc plated,

H - Hot dip galvanised,

S - Stainless steel.

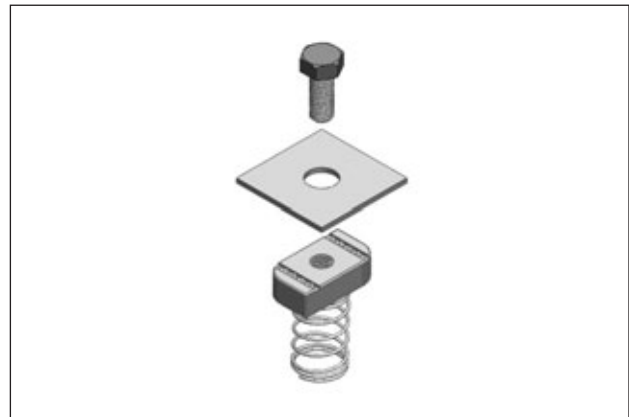
Stainless Steel products are manufactured against firm orders only.

Minimum batch quantities may apply.

Ordering Code	To Suit	Diameter	Weight kg
N20CHDU	NEMA 20C	M12	0.15

Supplied complete with hold down plate, spring nut and screw.

Hold down units are supplied with zinc plated fasteners as standard.

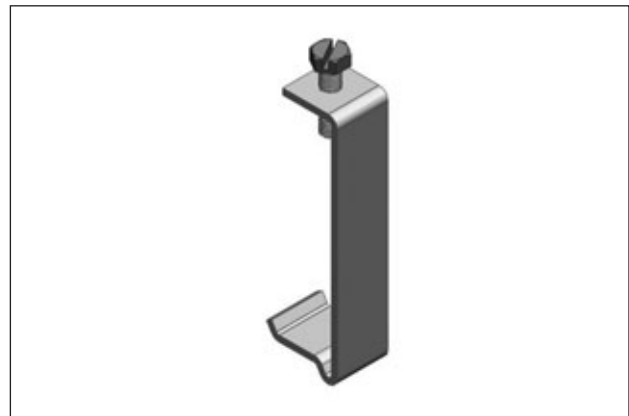


HOLD DOWN UNIT

Ordering Code	To Suit	Weight kg
N20CCC	NEMA 20C	0.16

Supplied complete with cone screw for installation.

Suitable for use on both cable ladders and fittings.



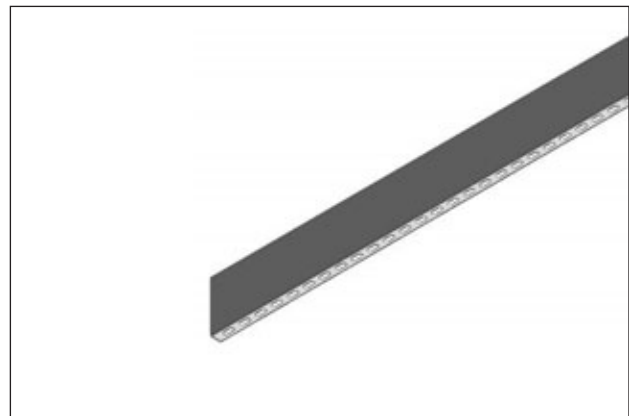
COVER CLAMP

Ordering Code	To Suit	Weight kg
N20CDS	NEMA 20C	1.11

Standard Length – 2.4 metres.

Standard finish – Pre galvanised (Galvabond).

Hot dip galvanised Divider Strip is available to firm client orders; however we advise against the process on sheet metal products as product distortion is likely to occur as a result.



DIVIDER STRIP

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Fax: 08 8360 4590
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Fax: 08 9249 7855
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