

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



BURNDY

Fire Rated Cable Support Systems

AS/NZ 3013:2005 - Classification WS5X – 2 hour fire rating to 1050 Degrees Celsius



PHOENIX METALFORM
METAL MADE EASY

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About Burndy

Burndy is an Australian owned and operated company. Our products are Australian made to Australian standards.

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 35 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 its 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.



Fire Rated AS/NZ 3013:2005 Introduction

Electrical installations are the number one cause of fire in modern buildings in Australia. Fire rated cable support systems can reduce the human cost of fires as well as limit damage caused by early collapse.

Burndy have played a major role in developing Fire Rated Cable Support Systems in Australia. As an Australian manufacturer established in 1982 we have over 35 years' experience in Cable Support Systems. In that time we have built up a wealth of knowledge and experience.

Our extensive range of Fire Rated Cable Support Systems has been developed in-house utilising our industry experience. All of our products comply with AS/NZS 3013:2005, WS5X 2 hour fire rating to 1050 degrees.

Our Fire Rated systems are available in a range of finishes

- Hot Dipped Galvanised
- Pre Galvanised
- Powder Coated in a range of colour options

Widths available 150-600mm

Cable laying depths available 45mm to 105mm

Load ratings up to 150 kg per metre

Providing innovative & value for money solutions

Our aim is to provide our customers Fire Rated AS/NZS 3013:2005 compliant systems. Our wealth of knowledge can ensure compliance as well as innovative economical solutions to ensure our customers obtain the best value for money systems in the market.

Our large range allows us to offer choice in finish, load rating, installation time savings and designs allowing for installation space.

When new regulations are introduced you can trust the team at Burndy has up-to-date compliant systems.



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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 4680:2006

Stainless Steel Gr316 Passivated Finish

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR50L arrangement.

Custom fittings are available upon request.

Uniform load rating of 50 kg per metre.

Maximum support span of 1.5 metres.

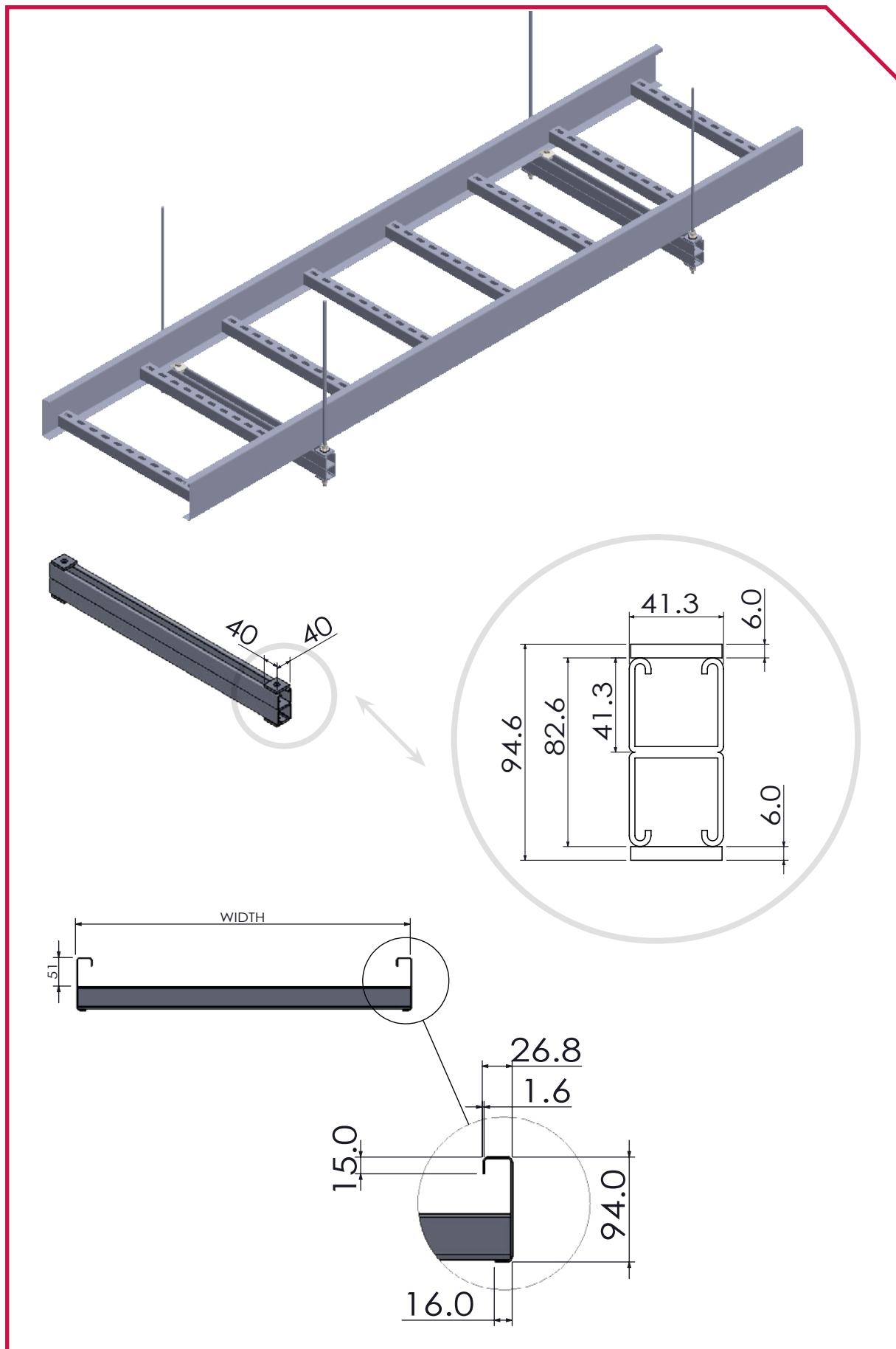
Ladder

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

Kit Ordering Code FR50L<width>



FR50L AS/NZ 3013:2005 Fire Rated Ladder Arrangement



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 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR50L arrangement.

Custom fittings are available upon request.

Uniform load rating of 50 kg per metre.

Maximum support span of 1.0 metres.

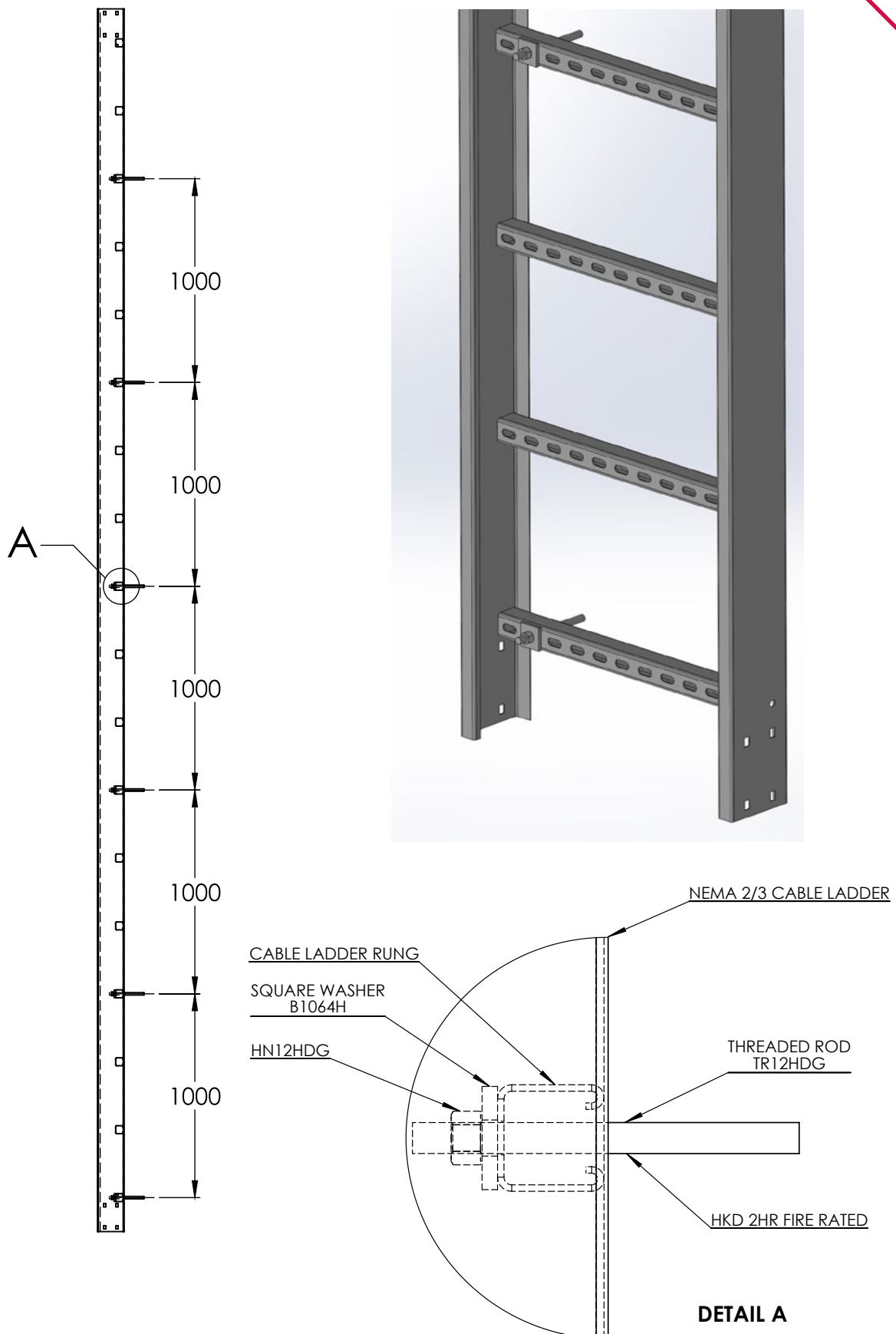
Ladder

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

Kit Ordering Code FR50VL<width>



FR50VL AS/NZ 3013:2005 Fire Rated Ladder Arrangement



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 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR60L arrangement.

Custom fittings are available upon request.

Uniform load rating of 60 kg per metre.

Maximum support span of 1.5 metres.

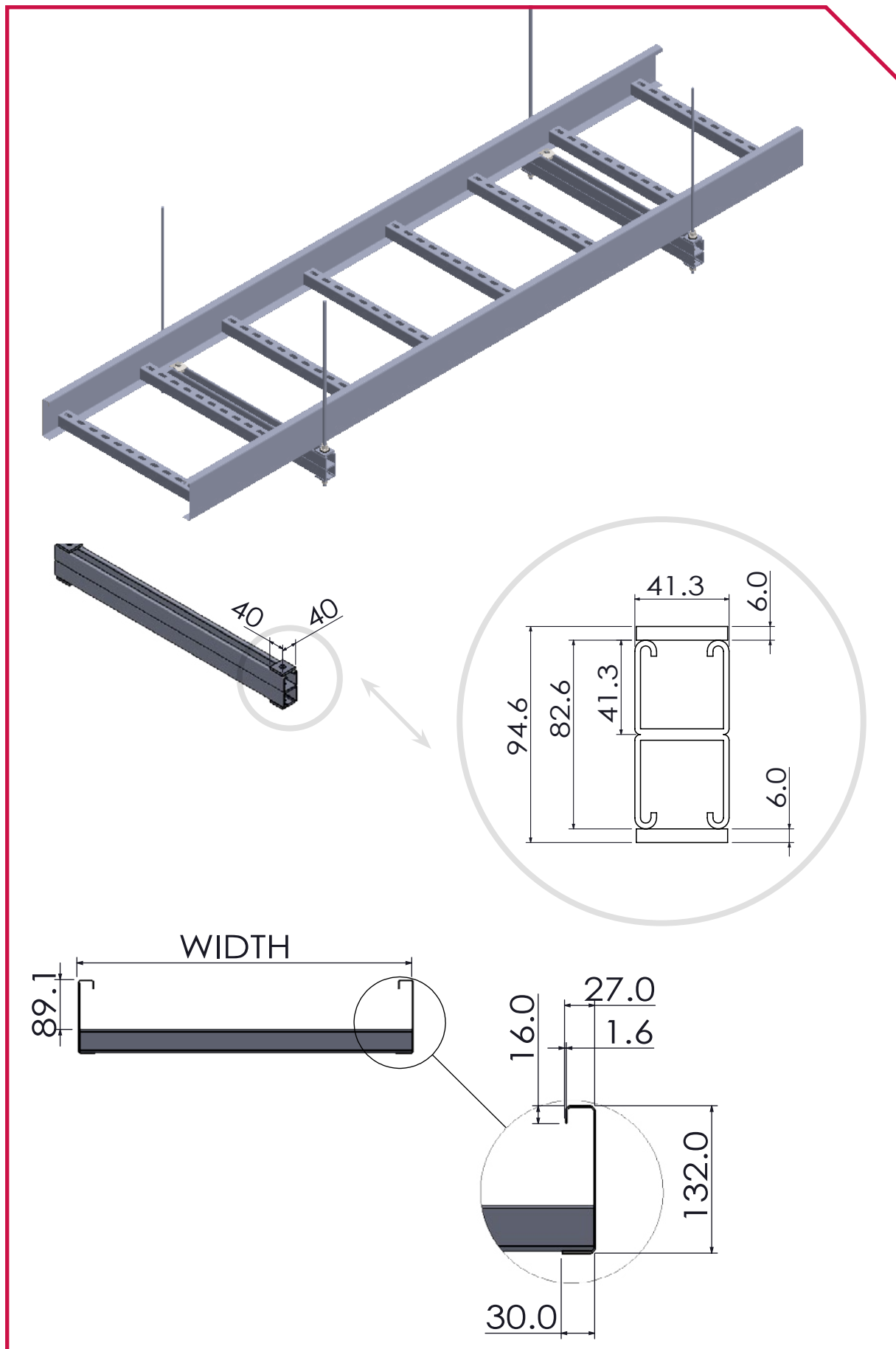
Ladder

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

Kit Ordering Code FR60L<width>



FR60L AS/NZ 3013:2005 Fire Rated Ladder Arrangement



Specifications

- Standard Length 6.0 metres.
- Cable Ladder Rung Spacing 333 mm
- Cable laying depth 102 mm

Surface Finish

Available Finish

Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR70L arrangement.

Custom fittings are available upon request.

Uniform load rating of 70 kg per metre.

Maximum support span of 1.5 metres.

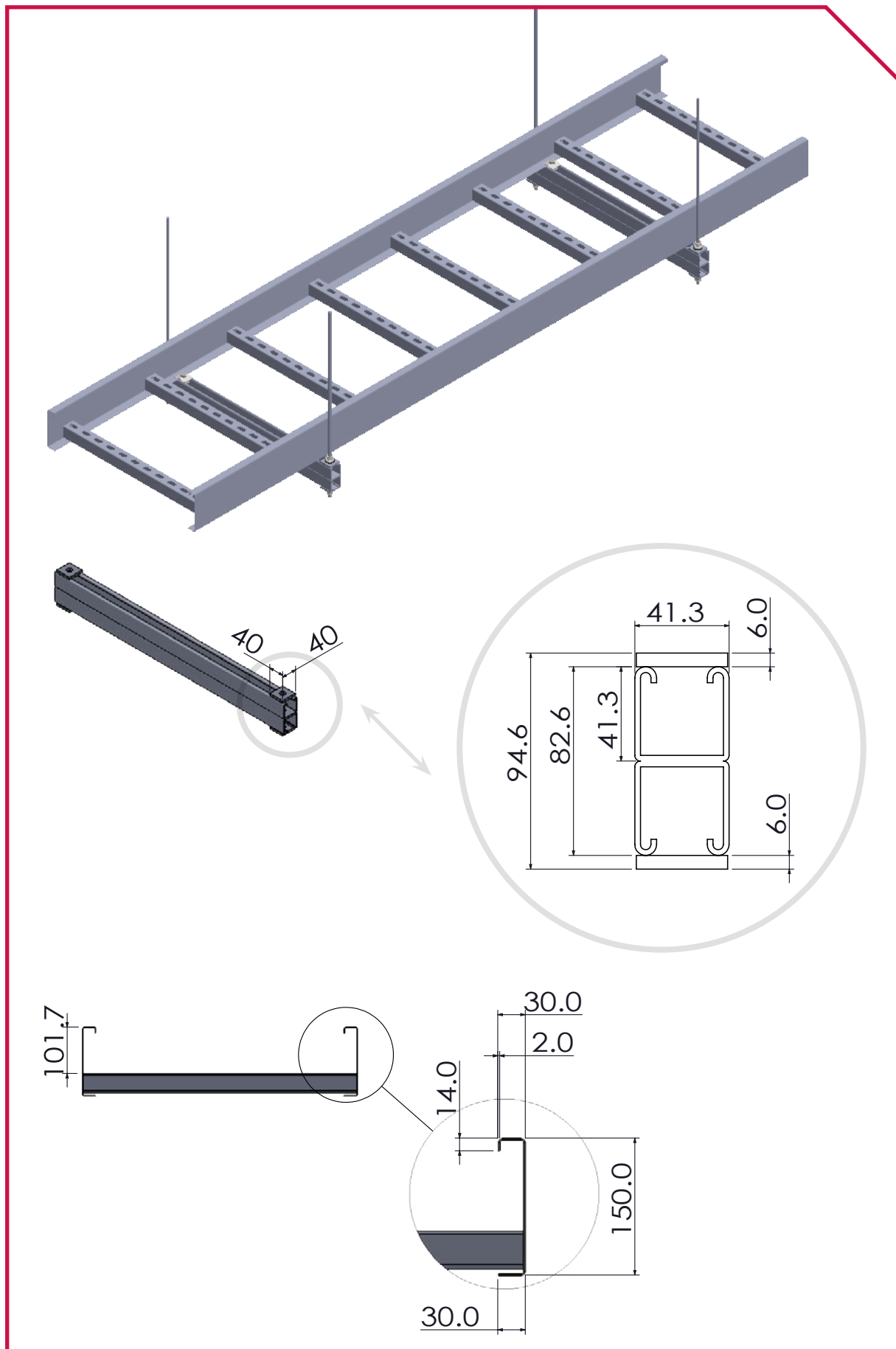
Ladder

Ordering Code	Width mm	Length mm	No of Rungs
N4L150RIH-F6	150	6000	18
N4L300RIH-F6	300	6000	18
N4L450RIH-F6	450	6000	18
N4L600RIH-F6	600	6000	18

Kit Ordering Code FR70L<width>



FR70L AS/NZ 3013:2005 Fire Rated Ladder Arrangement



Specifications

- Standard Length 6.0 metres.
- Cable Ladder Rung Spacing 333 mm
- Cable laying depth 102 mm

Surface Finish

Available Finish

Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR100L arrangement.

Custom fittings are available upon request.

Uniform load rating of 100 kg per metre.

Maximum support span of 1.0 metres.

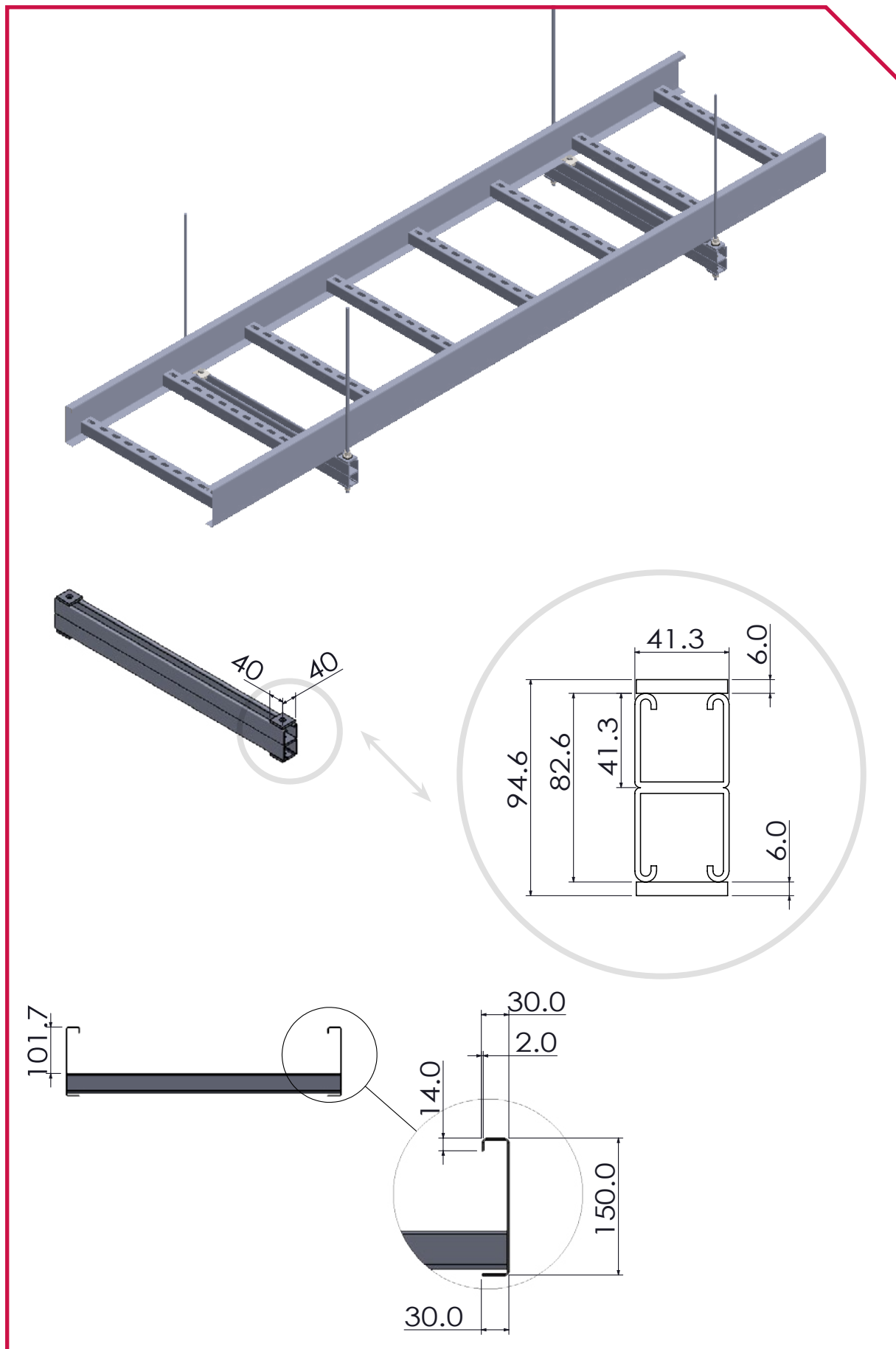
Ladder

Ordering Code	Width mm	Length mm	No of Rungs
N4L900RIH-F6	900	6000	18

Kit Ordering Code FR100L<width>



FR100L AS/NZ 3013:2005 Fire Rated Ladder Arrangement



Specifications

- Standard Length 6.0 metres.
- Cable Ladder Rung Spacing 333 mm
- Cable laying depth 102 mm

Surface Finish

Available Finish

Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR150L arrangement.

Custom fittings are available upon request.

Uniform load rating of 150 kg per metre.

Maximum support span of 1.0 metres.

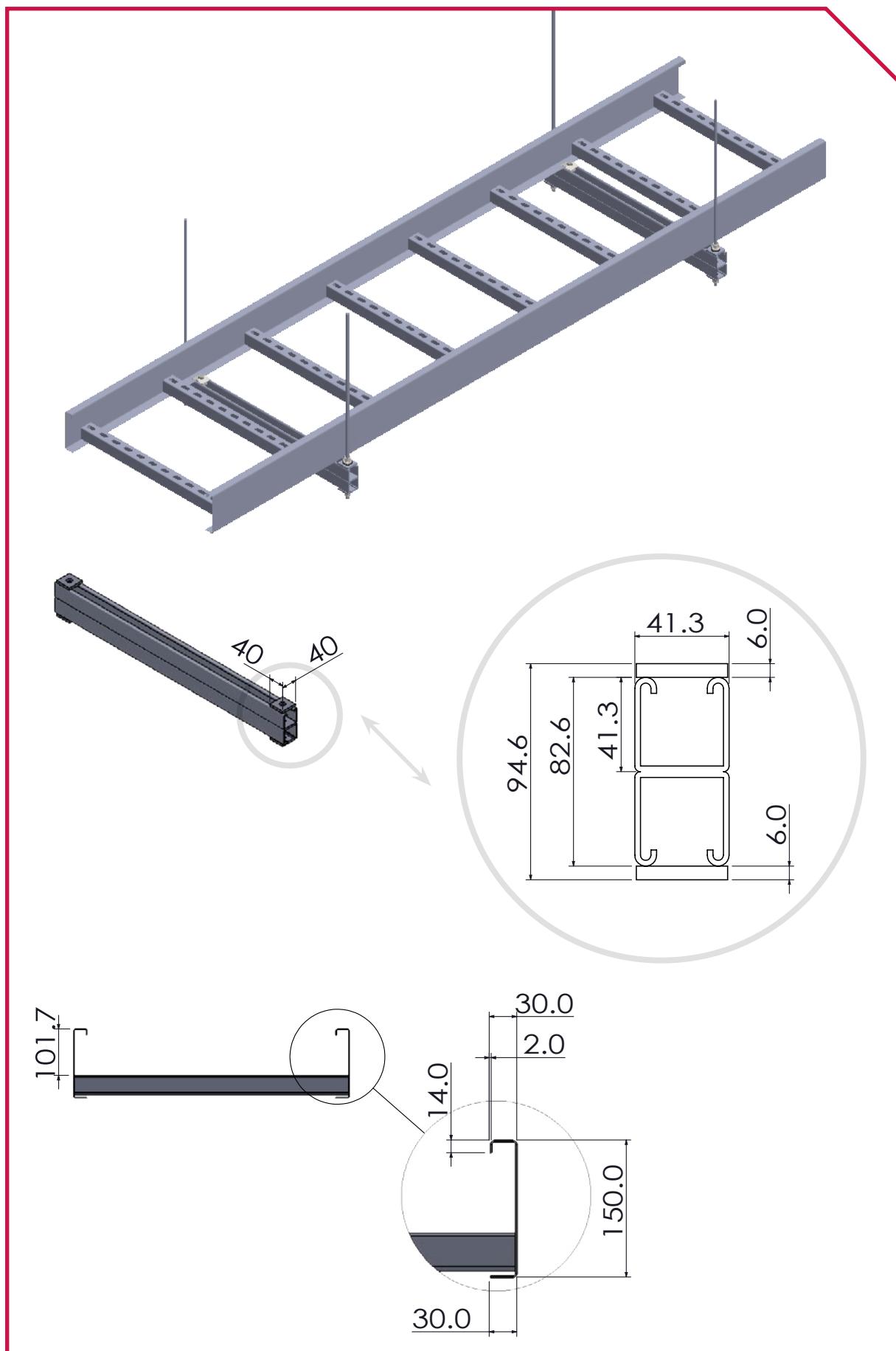
Ladder

Ordering Code	Width mm	Length mm	No of Rungs
N4L150RIH-F6	150	6000	18
N4L300RIH-F6	300	6000	18
N4L450RIH-F6	450	6000	18
N4L600RIH-F6	600	6000	18

Kit Ordering Code FR150L<width>



FR150L AS/NZ 3013:2005 Fire Rated Ladder Arrangement



Specifications

- Standard Length 3.0 metres.
- Cable laying depth 40 mm

Surface Finish

Available Finish

- Pre Galvanised to AS1397
- Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR50LT3 arrangement.

Uniform load rating of 50 kg per metre.

Maximum support span of 1.0 metres.

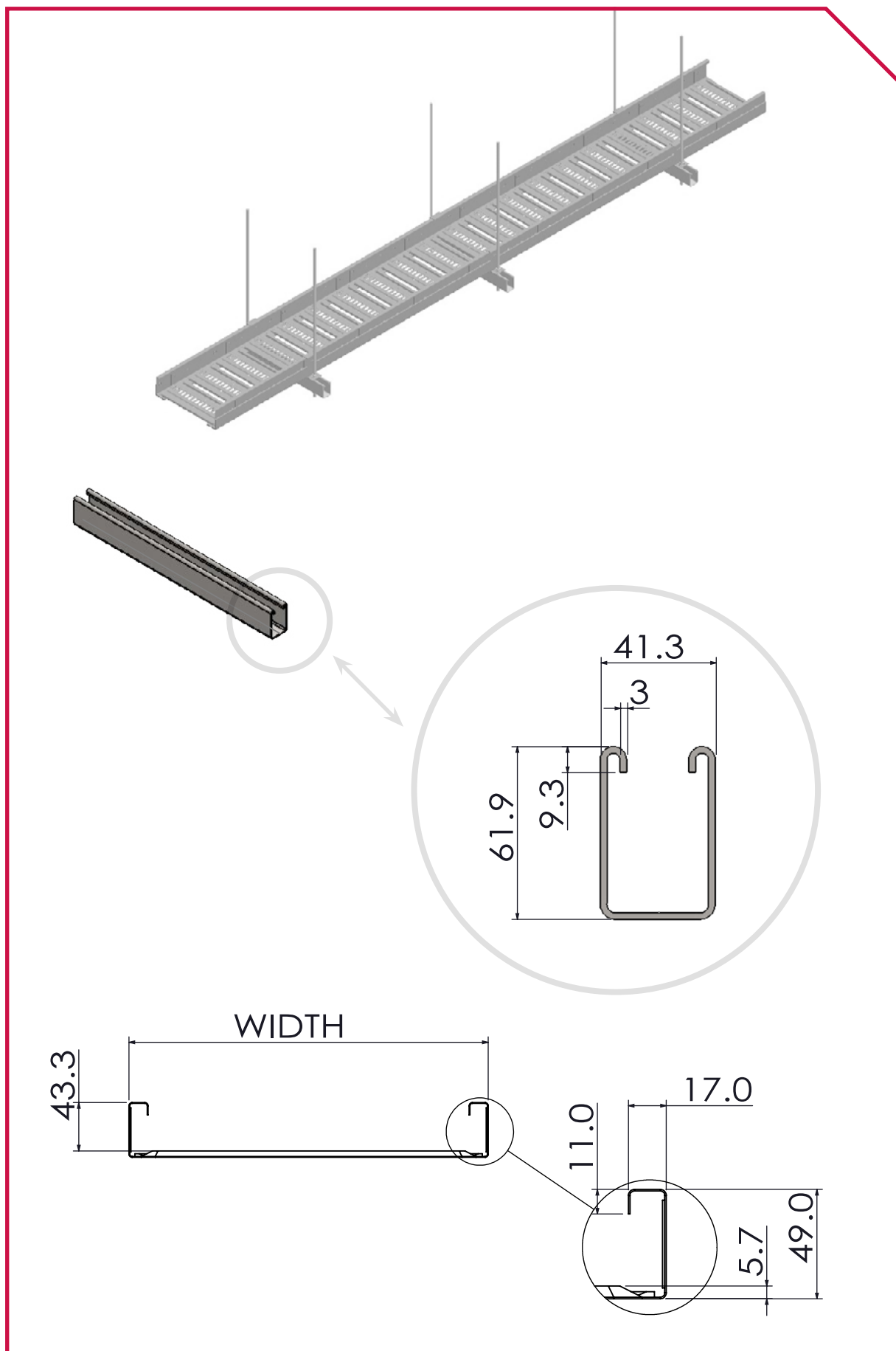
Cable Laying Width mm	Pre-Galvanised	Overall Width mm
150	LT3150G	172
300	LT3300G	322
450	LT3450G	472
600	LT3600G	622



Kit Ordering Code FR50LT3<width>



FR50LT3 AS/NZ 3013:2005 Fire Rated Laddertray Arrangement



Specifications

- Standard Length 3.0 metres.
- Cable laying depth 75 mm

Surface Finish

Available Finish

Pre Galvanised to AS1397

Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR12LT5 arrangement.

Uniform load rating of 13 kg per metre.

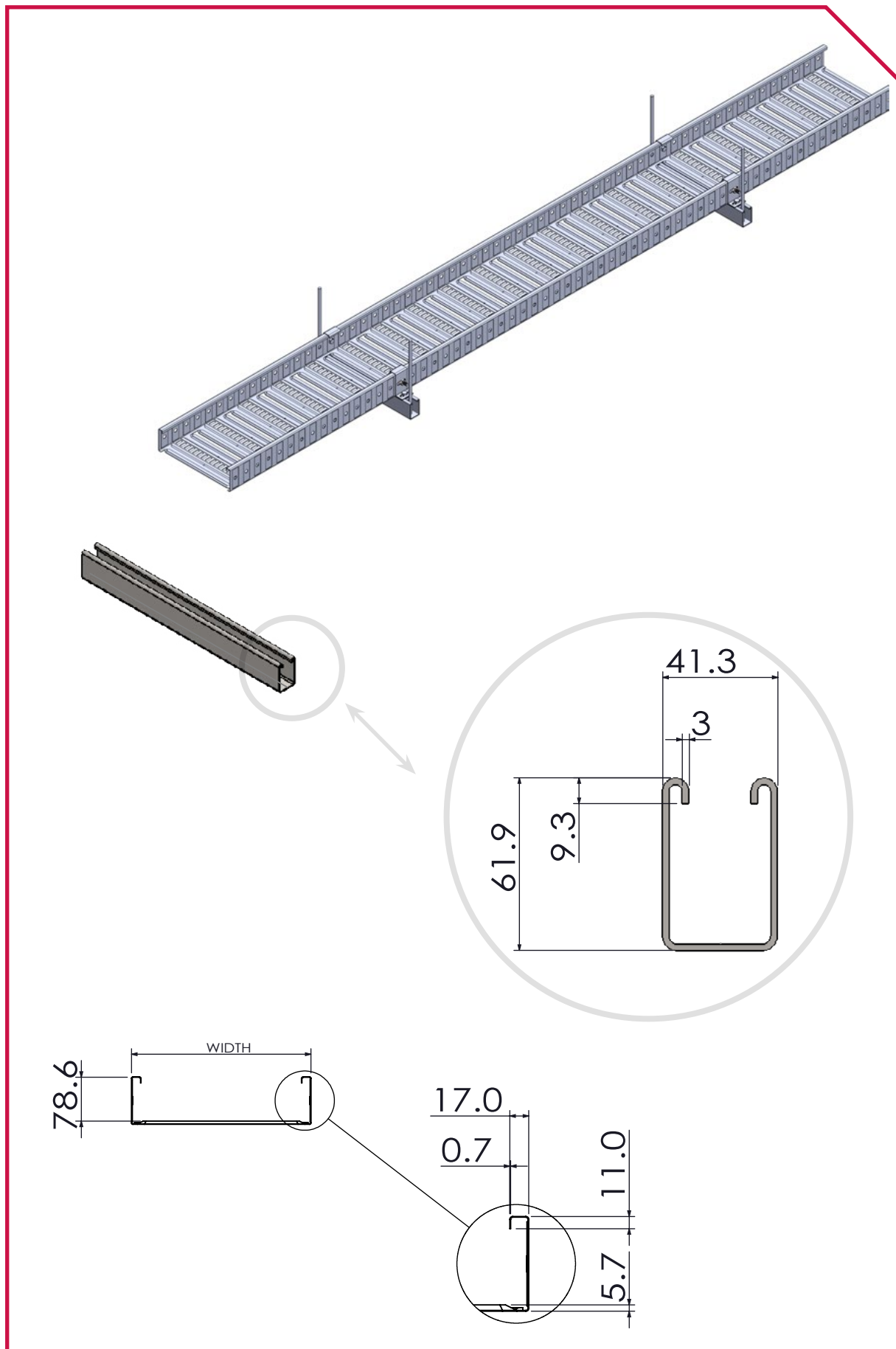
Maximum support span of 1.5 metres.

Cable Laying Width mm	Pre-Galvanised	Overall Width mm
150	LT5150G	172
300	LT5300G	322

Kit Ordering Code FR12LT5<width>



FR12LT5 AS/NZ 3013:2005 Fire Rated Laddertray Arrangement



Specifications

- Standard Length 3.0 metres.
- Cable laying depth 75 mm

Surface Finish

Available Finish

Pre Galvanised to AS1397

Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR20LT5 arrangement.

Uniform load rating of 19.6 kg per metre.

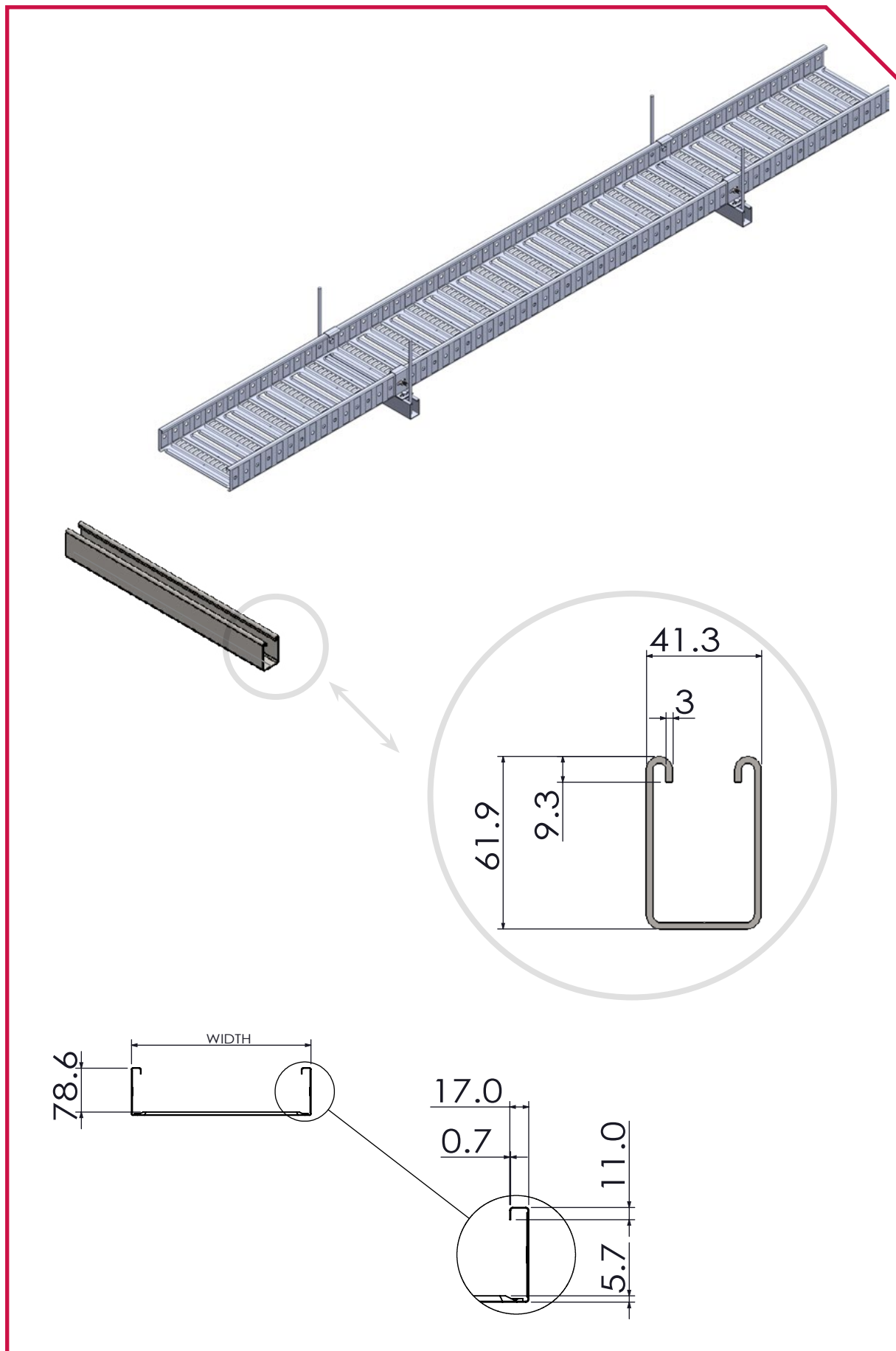
Maximum support span of 1.0 metres.

Cable Laying Width mm	Pre-Galvanised	Overall Width mm
150	LT5150G	172
300	LT5300G	322

Kit Ordering Code FR20LT5<width>



FR20LT5 AS/NZ 3013:2005 Fire Rated Laddertray Arrangement



Specifications

- Standard Length 3.0 metres.
- Cable laying depth 50 mm

Surface Finish

Available Finish

Pre Galvanised to AS1397

Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

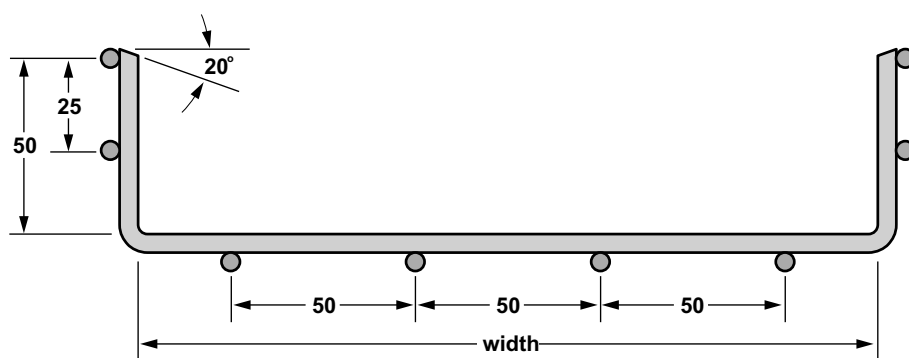
Fire rating only applies when used as a complete FR7BCM arrangement.

Uniform load rating of 7 kg per metre.

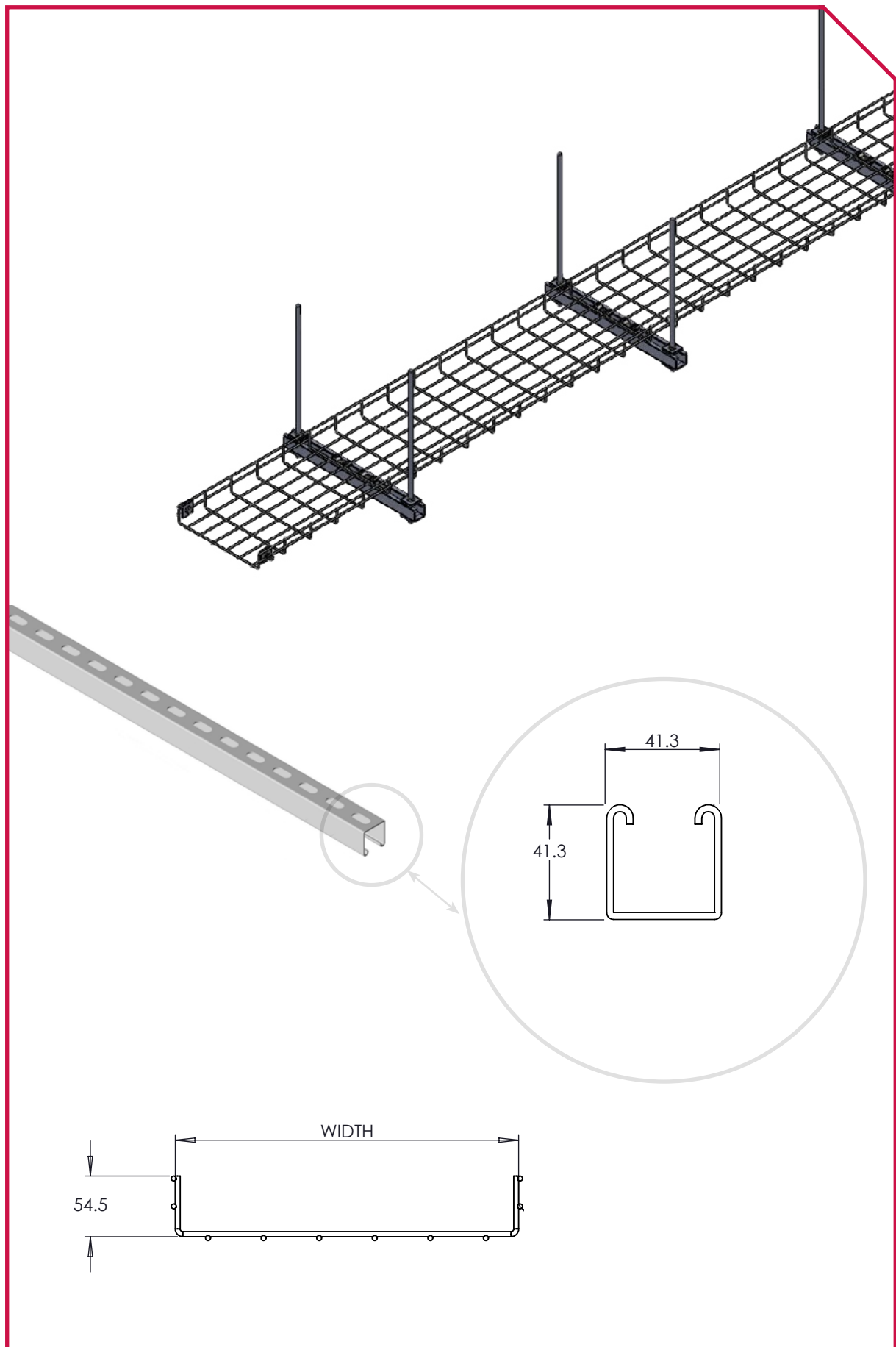
Maximum support span of 1.0 metres.

Ordering Code	Height mm	Width mm
BCM150PG	50	150
BCM300PG	50	300

Kit Ordering Code FR7BCM<width>



FR7BCM AS/NZ 3013:2005 Fire Rated Cable Mesh Arrangement



Specifications

- Standard Length 6.0 metres.
- Cable laying depth 45 mm

Surface Finish

Available Finish

- Pre Galvanised to AS1397
- Hot Dip Galvanised to AS/NZ 4680:2006

Note

- The Burndy Fire Rated Systems requires no on-site welding to cut and rejoin.
- Powder coating and special finishes on request against firm orders only and are non returnable.

The Fire Rated System complies with **Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X**. It is designed and tested to achieve 2 hour fire rating at 1050 degrees Celsius.

Fire rating only applies when used as a complete FR5C arrangement.

Uniform load rating of 5 kg per metre.

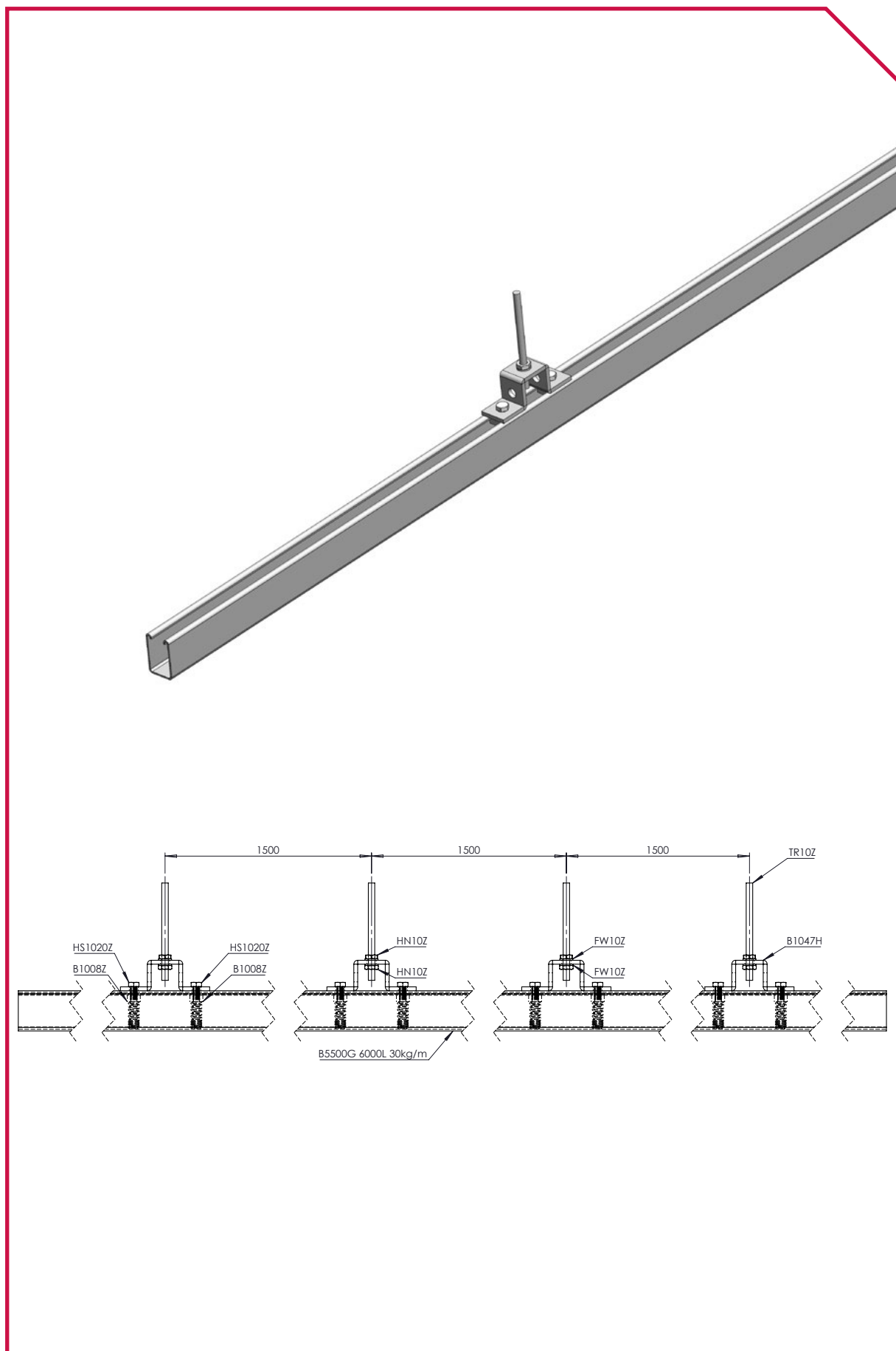
Maximum support span of 1.5 metres.

Ordering Code	Height mm	Width mm
FR5C	62	42

Kit Ordering Code FR5C

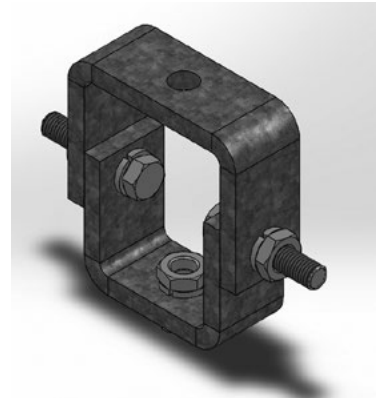


FR5C AS/NZ 3013:2005 Fire Rated Cable Channel Arrangement



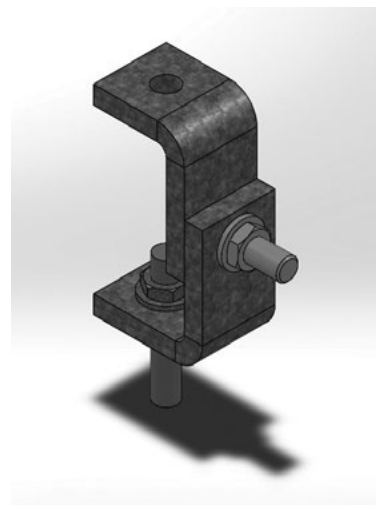
Ordering Code BFRSBHDH

Fire Rated Swivel Bracket Heavy Duty



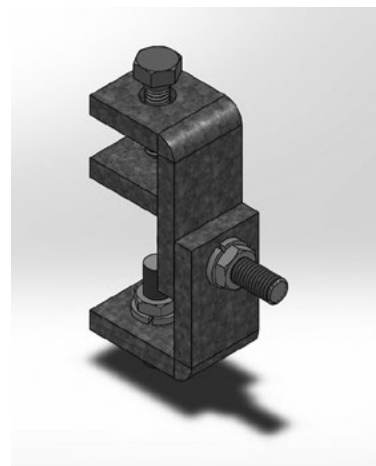
Ordering Code BFRSBMDH

Fire Rated Swivel Bracket Medium Duty



Ordering Code FRMDSBBC

Fire Rated Beam Clamp



Fire Rated Accessories**CLB335FRH****CLB485FRH****CLB635FRH**

Ordering Code	Length	Load Capacity kg
CLB335FRH	335	100
CLB485FRH	485	100
CLB635FRH	635	100

Fire Rated Cantilever Bracket



Fire Rated Options

Page	Kit Code	Product	Load Rating	Support Included	Cable Laying Depth	Cable Laying Width	Lengths	Support Span	Orientation
9.2	FR50L	Nema 2 Cable Ladder	50kg metre	Trapeze / Cantilever	45mm	150mm 300mm 450mm 600mm	3m 6m	1.5m	Horizontal
9.4	FR50VL	Nema 2 Cable Ladder	50kg metre		45mm	150mm 300mm 450mm 600mm	3m 6m	1m	Vertical
9.6	FR60L	Nema 3 Cable Ladder	60kg metre	Trapeze / Cantilever	84mm	150mm 300mm 450mm 600mm	3m 6m	1.5m	Horizontal
9.8	FR70L	Nema 4 Cable Ladder	70kg metre	Trapeze / Cantilever	102mm	150mm 300mm 450mm 600mm	3m 6m	1.5m	Horizontal
9.10	FR100L	Nema 4 Cable Ladder	100kg metre	Trapeze / Cantilever	102mm	900mm	3m 6m	1m	Horizontal
9.12	FR150L	Nema 4 Cable Ladder	150kg metre	Trapeze / Cantilever	102mm	150mm 300mm 450mm 600mm	3m 6m	1m	Horizontal
9.14	FR50LT3	LT3 Laddertray	50kg metre	Trapeze / Cantilever	40mm	150mm 300mm 450mm 600mm	3m	1m	Horizontal
9.16	FR12LT5	LT5 Laddertray	13kg metre	Trapeze / Cantilever	75mm	150mm 300mm	3m	1.5m	Horizontal
9.18	FR20LT5	LT5 Laddertray	19.6kg metre	Trapeze / Cantilever	75mm	150mm 300mm	3m	1m	Horizontal
9.20	FR7BCM	Cable Mesh	7kg metre	Trapeze / Cantilever	50mm	150mm 300mm	3m	1m	Horizontal
9.22	FR5C	Channel	5kg metre	Threaded Rod	45mm	42mm	6m	1.5m	Horizontal

Kit components include

- Cantilever or Trapeze
- Splice plate & fasteners (ladder only)
- Hold down (tray only)
- Channel nuts, screws, bolts & fasteners to complete the assembly



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