FIRE RATED CABLE SUPPORTS

The widest range of AS/NZS3013:2005 compliant Fire Rated Cable Support Solutions.

EzyStrut understands the needs of installers for projects requiring AS/NZS3013:2005 conformance. These projects need reliability, effortless installation, options for different loads and spans, and assurance of compliance with the stringent standard.

Our Australian engineering team can work with your site requirements to design an appropriate solution for your needs.

Load Over Span

When choosing your cable support system, it is important to consider the weight (*load*) you want to support over a certain *span*. In the case of trapeze mounted cable trays or ladders, the span is the distance between these trapezes, separate from the overall length of the cable support product.

In many cases, the *higher* your desired load, the shorter the maximum allowable spans become, because shorter spans can support more weight. Shorter spans also result in less *deflection*. However, if you require longer spans and less fixing points for your support product, this can be achieved by reducing the maximum load per metre allowable over that span. All published loads assume a uniformly distributed load on installed products.

Support Span is the distance between trapeze supports on your tray or ladder.

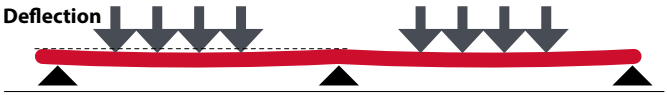
Overall Length is the total length of your support product regardless of the quantity of supports.

Longer Support Span

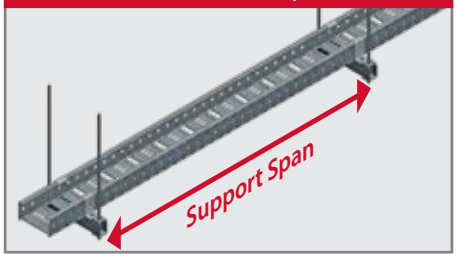
- Less support points
- Lower load capability
- Greater deflection

Shorter Support Span

- More support points
- Higher load capability
- Less deflection

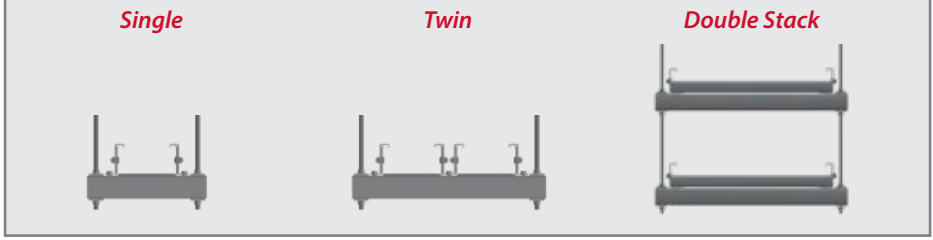


Fire Rated Cable Tray



Fire Rated Cable Ladder

Design Profiles



AS/NZS3013:2005

All EzyStrut Fire Rated Cable Supports are certified to AS/NZS3013:2005 Appendix C Classification WS5X (2 Hours) with a peak temperature of 1050°C.

Available Lengths

Cable tray offers continuous support of cables along the entire length. Normally it is offered in 3m lengths.

Cable ladder offers greater strength when compared to other cable support products, using welded rungs to support your cables, and is offered in 3 or 6m lengths.

Materials and Finishes

By standard, EzyStrut Fire Rated components are manufactured from steel, and are hot dip galvanised after fabrication to meet AS4680:2006. This gives them a strong, all over coating of zinc that is metalurgically bonded to the parent steel, and means that the product is protected against corrosion in most outdoor environments.

Tray can also be fabricated from pre-galvanised steel, which has a visually clean appearance, and is ideal for inside installations where the product will be visually exposed.

EzyStrut's fabrication services (EzyFab) can assist with arranging for powder coating of all products, as an optional, additional finish, to provide any colour necessary for design reasons, as well as special matte black to prevent reflections on the steel if the product is being installed in an environment such as a road tunnel.

Testing

All testing of EzyStrut Fire Rated Cable Supports is carried out in accordance with relevant loading, and AS/NZS3013:2005 requirements.

All results are independently certified by a NATA accredited facility.

DROP-IN ANCHOR (ETA1)

Fire Rated

Box Qty: **100**

Size	Zinc (Clear)	Stainless Steel (316)
M6	EDIMSZ73M06025	-
M8	EDIMSZ73M08030	DXTMS08SS
M10	EDIMSZ73M10040	DXTMS10SS
M12	EDIMSZ73M12050	DXTMS12SS

Service Guide: C All items listed above

INSTALLATION TOOL - MANUAL SETTING TOOL

Box Qty: **1**

Size	Part Number	Service Guide
M6	EDTMSZM06	C
M8	EDTMSZM08	C
M10	EDTMSZM10	C
M12	EDTMSZM12	C

LIPPED DROP-IN ANCHOR (ETA1)

Fire Rated

Box Qty: **100**

Zinc Plated

Size	Part Number	Service Guide
M10x40	MDLMSYCM100040	C
M12x50	MDLMSYCM120050	C

LIPPED DROPIN ANCHOR BUCKET

Description	Part Number
M10x40mm (500pcs)	DLXTM1040BK
M12x50mm (300pcs)	DLXTM1250BK

INSTALLATION TOOL - MANUAL SETTING TOOL

Box Qty: **1**

Size	Part Number	Service Guide
M6	EDTMSZM06	C
M8	EDTMSZM08	C
M10	EDTMSZM10	C
M12	EDTMSZM12	C

THROUGH BOLT (ETA1) ZP

Fire Rated

Box Qty: **25-100** varies depending on screw size.

SEISMIC SOLUTIONS

Zinc Plated

Size = thread size x length (mm)

Size	Part Number	Service Guide
M8x80	EAWMSZD15M080080	C
M8x100	EAWMSZD15M080100	C
M8x120	EAWMSZD15M080120	C
M10x90	EAWMSZD15M100090	C
M10x120	EAWMSZD15M100120	C
M12x80	TB12080	C
M12x100	TB12100	C
M12x140	TB12140	C
M12x180	TB12180	C

THROUGH BOLT (ETA1) SS

Fire Rated

Box Qty: **25-200** varies depending on screw size.

Stainless Steel (316)

Size = thread size x length (mm)

Size	Part Number	Service Guide
M8x68	EAW16PD17M080068	C
M8x75	EAW16PD17M080075	C
M8x90	EAW16PD17M080090	C
M8x115	EAW16PD17M080115	C
M8x135	EAW16PD17M080135	C
M10x65	TB10065SS	C
M10x90	EAW16PD18M100090	C
M10x105	EAW16PD18M100105	C
M10x110	EAW16PD18M100110	C
M10x135	EAW16PD18M100135	C
M10x155	EAW16PD18M100155	C
M10x185	EAW16PD18M100155	C
M12x110	EAW16PD18M120110	C
M12x120	EAW16PD18M120120	C
M12x145	EAW16PD18M120145	C

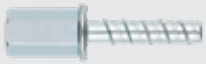
Service Guide Key: A Usually in stock at all branches; B Usually in stock at head office; C Normal lead time; D Made to Order (lead time on enquiry)

SCREW BOLT (ETA1)

Box Qty: **20-50** varies depending on screw size.
Zinc Plated
Size = thread size x length (mm)

Size	Part Number	Service Guide
M10x60	SXTB1060	C
M10x75	SXTB1075	C
M10x100	SXTB10100	C
M10x120	SXTB10120	C
M10x140	SXTB10140	C
M10x200	SXTB10200	C
M12x80	SXTB1280	C
M12x100	SXTB12100	C
M12x150	SXTB12150	C
M12x200	SXTB12200	C

HANGER MATE™ INTERNAL THREADED ROD HANGERS



Installation tools are also available.
Box Qty: **100**
Zinc Plated

Size	Description	Part Number	Service Guide
M10	6x40mm	SXTB-IM06035	C
M12	8x50mm	SXTB-IM05050-M10	A

SNAKE-PRO™

Powers' Snake-Pro is an internally threaded self-tapping anchor.
Box Qty: **50**
Zinc Plated

Size	Part Number	Service Guide
M10	SM10PRO-PWR	C

INSTALLATION TOOL - SDS PLUS DRILL BIT

Box Qty: **1**

Size	Part Number	Service Guide
12.7	SB12.7x50-PWR	C

INSTALLATION TOOL - SETTING TOOL

Box Qty: **1**

Size	Part Number	Service Guide
M8	SSTM8-PWR	C
M10	SSTM10-PWR	C

SNAKE-PRO™ BULK BUCKET

Includes 500pcs, 2 x drill bits and 1 x setting tool.

Size	Part Number	Service Guide
M10	SM10KIT-PWR	C

THREADED ROD HANGER (CONCRETE SCREW ADAPTOR)

Box Qty: **50**
Zinc Plated
Size = internal thread

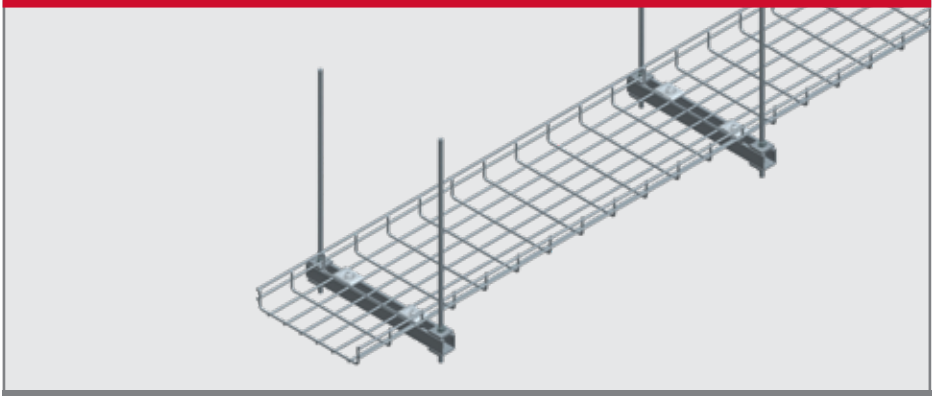
Size	Description	Part Number	
M8-M10	6 x 35mm	MUMMCSI05540603	C
	6 x 55mm	MUMMCSI05540605	C

Can't find what you need?

We have a fixings, fasteners and consumables catalogue with more details and range of products available.

Request a copy from your representative or download from our website.

FIRE RATED EZYMESH CABLE MESH

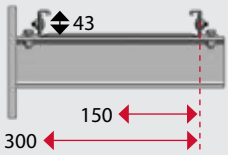


Please note:
EzyStrut is currently redesigning our Fire Rated EzyMesh Cable Mesh range. Please consult your local representative to discuss your requirements and an alternative solution.

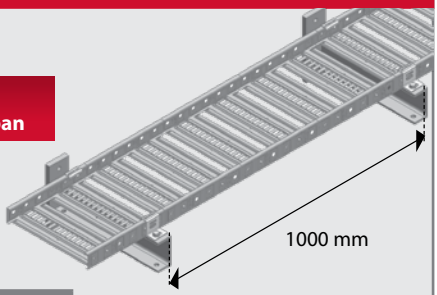
For similar load rating options, view page 90-91 for Fire Rated Cable Tray. Or if it is a large project, we can offer a 6mm Fire Rated Cable Mesh as made to order (MTO) with a minimum order quantity of 500.

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)

FRCL20ET3 FIRE RATED CANTILEVER ASSEMBLY



20kg/m
over a **1.0m Span**

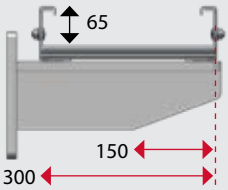


Cable Laying Width (mm)	Pre-Galvanised	Hot Dip Galvanised
150	FRCL20ET3150KG D	FRCL20ET3150KH D
300	FRCL20ET3300KG D	FRCL20ET3300KH D

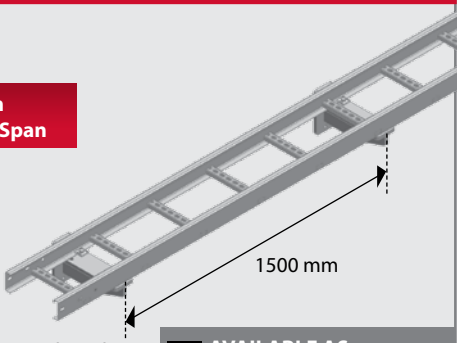
Supplied in 3m lengths

D AVAILABLE AS MADE TO ORDER (MTO).

FRCL35 FIRE RATED LADDER CANTILEVER ASSEMBLY



35kg/m
over a **1.5m Span**

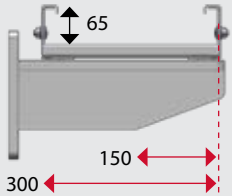


Cable Laying Width (mm)	Hot Dip Galvanised
150	FRCL35150KH D
300	FRCL35300KH D

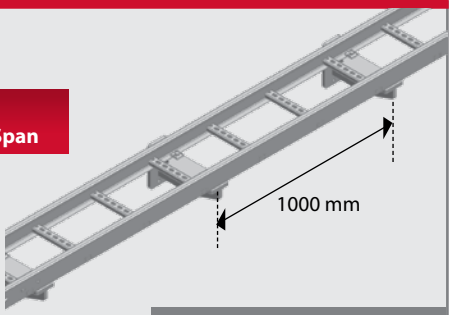
Available in 3m or 6m lengths
6m lengths standard

D AVAILABLE AS MADE TO ORDER (MTO).

FRCL50 FIRE RATED LADDER CANTILEVER ASSEMBLY



50kg/m
over a **1.0m Span**



Cable Laying Width (mm)	Hot Dip Galvanised
150	FRCL50150KH D
300	FRCL50300KH D

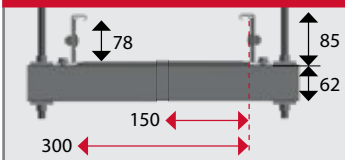
Available in 3m or 6m lengths
6m lengths standard

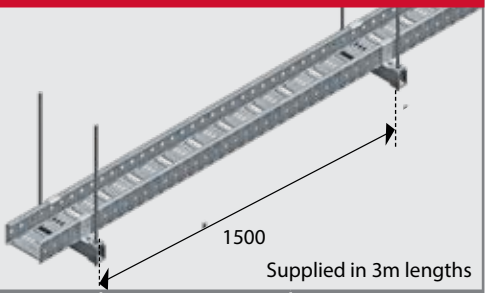
D AVAILABLE AS MADE TO ORDER (MTO).

All Fire Rated Cable Tray is supplied in kit form with accessories necessary for installation (trapezes are included but anchors and threaded rod are purchased separately). Please contact EzyStrut for kit inclusions and installation instructions.

AS/NZS3013:2005 FIRE RATED CABLE SUPPORT SYSTEMS

FR12 ET5 FIRE RATED CABLE TRAY



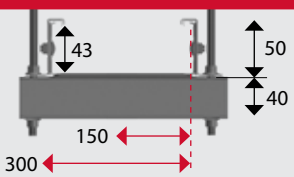


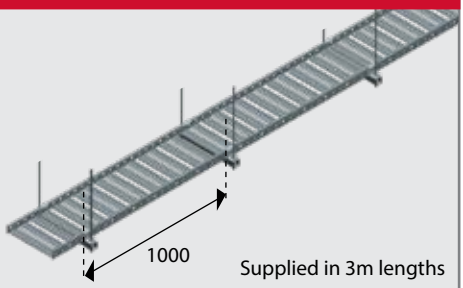
12.5kg/m
over a **1.5m Span**

Supplied in 3m lengths

Cable Laying Width (mm)	Trapeze Width (mm)	Weight (kg)	Threaded Rod	Pre-Galvanised	Hot Dip Galvanised
150	327	14.9/3m	M12	FR12ET5150KG D	FR12ET5150KH D
300	477	19.8/3m	M12	FR12ET5300KG D	FR12ET5300KH D

FR20 ET3 FIRE RATED CABLE TRAY





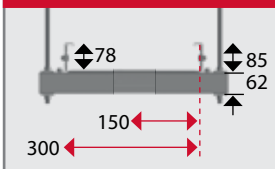
20kg/m
over a **1.0m Span**

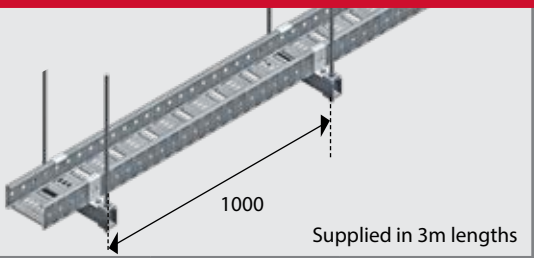
Supplied in 3m lengths

Cable Laying Width (mm)	Trapeze Width (mm)	Weight (kg)	Threaded Rod	Pre-Galvanised	Hot Dip Galvanised
150	262	8.4/3m	M10	FR20ET3150KG D	FR20ET3150KH D
300	412	12.2/3m	M10	FR20ET3300KG D	FR20ET3300KH 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)

FR20 ET5 FIRE RATED CABLE TRAY



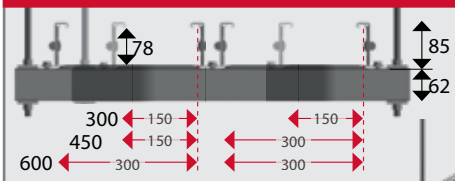


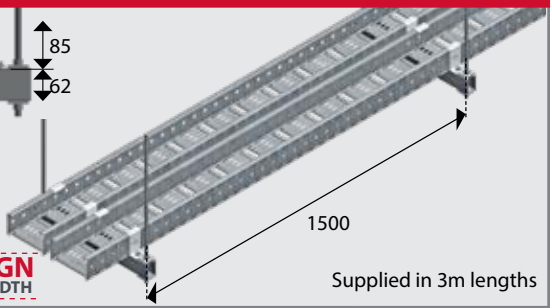
20kg/m
over a **1.0m Span**

Supplied in 3m lengths

Cable Laying Width (mm)	Trapeze Width (mm)	Weight (kg)	Threaded Rod	Pre-Galvanised	Hot Dip Galvanised
150	327	16.6/3m	M12	FR20ET5150KG D	FR20ET5150KH D
300	477	22/3m	M12	FR20ET5300KG D	FR20ET5300KH D

FR25 ET5 FIRE RATED CABLE TRAY, Twin Design





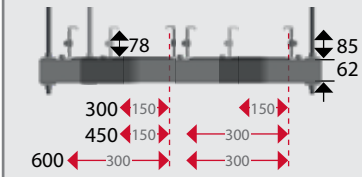
25kg/m
over a **1.5m Span**

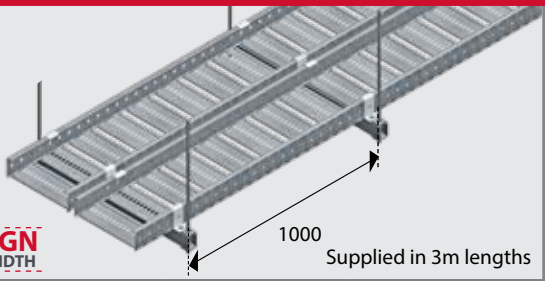
TWIN DESIGN
FOR MAXIMUM WIDTH

Supplied in 3m lengths

Cable Laying Width (mm)	Trapeze Width (mm)	Weight (kg)	Threaded Rod	Pre-Galvanised	Hot Dip Galvanised
300	530	28.4/3m	M12	FR25ET5300KG D	FR25ET5300KH D
450	680	32.3/3m	M12	FR25ET5450KG D	FR25ET5450KH D
600	830	38.1/3m	M12	FR25ET5600KG D	FR25ET5600KH D

FR40 ET5 FIRE RATED CABLE TRAY, Twin Design





40kg/m
over a **1.0m Span**

TWIN DESIGN
FOR MAXIMUM WIDTH

Supplied in 3m lengths

Cable Laying Width (mm)	Trapeze Width (mm)	Weight (kg)	Threaded Rod	Pre-Galvanised	Hot Dip Galvanised
300	530	31.1/3m	M12	FR40ET5300KG D	FR40ET5300KH D
450	680	36.5/3m	M12	FR40ET5450KG D	FR40ET5450KH D
600	830	41.9/3m	M12	FR40ET5600KG D	FR40ET5600KH D

HOW TO ORDER FIRE RATED CABLE LADDER

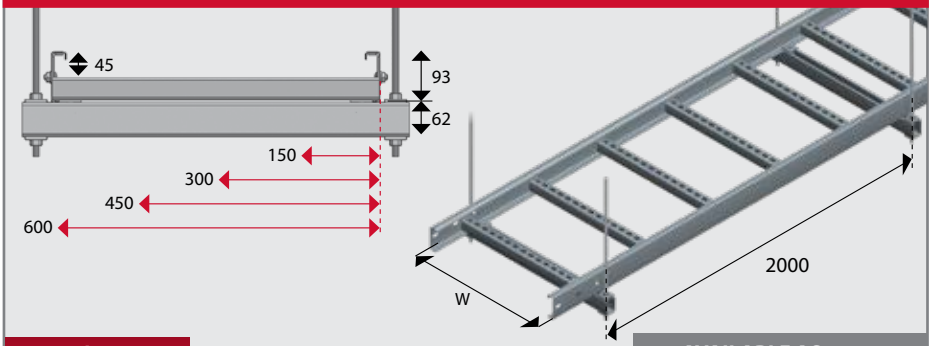
Example **FR100 L 150 6 K H**

Select Fire Rated Load	Specify Ladder	Select Width (mm)	Select Length (m)	Specify Kit*	Apply Finish
FR20 20kg/m	L Ladder	150	3	K Fire Rated Kit, inc. trapezes	H Hot Dip Galvanised
FR26 26kg/m		300	6 (Standard)		
FR50 50kg/m		450			
FR60 60kg/m		600			
FR70 70kg/m					
FR100 100kg/m					
FR100D 100kg/m (Double Stacked)					
FR114D 114kg/m (Double Stacked)					

* All supplied in kit form with accessories necessary for installation (trapezes are included but anchors and threaded rod are purchased separately). Please contact EzyStrut for installation instructions.

AS3013 : 2005 FIRE RATED CABLE SUPPORT SYSTEMS

FR20 FIRE RATED CABLE LADDER

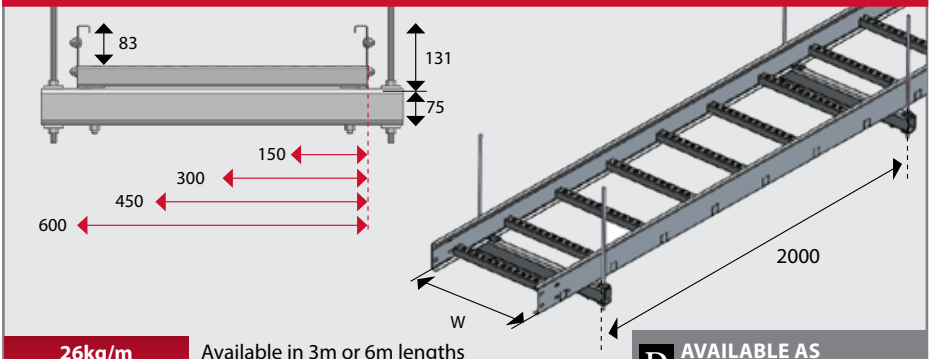


20kg/m over a **2m Span**

Available in 3m or 6m lengths **6m lengths standard**

D AVAILABLE AS MADE TO ORDER (MTO).

FR26 FIRE RATED CABLE LADDER



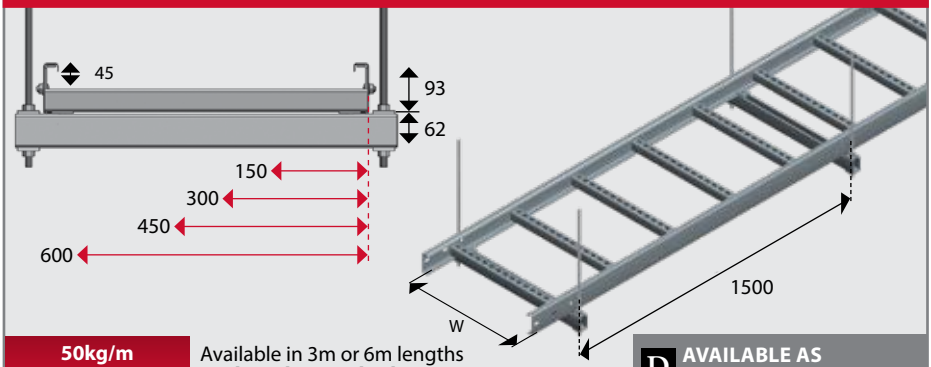
26kg/m over a **2m Span**

Available in 3m or 6m lengths **6m lengths standard**

D AVAILABLE AS MADE TO ORDER (MTO).

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)

FR50 FIRE RATED CABLE LADDER

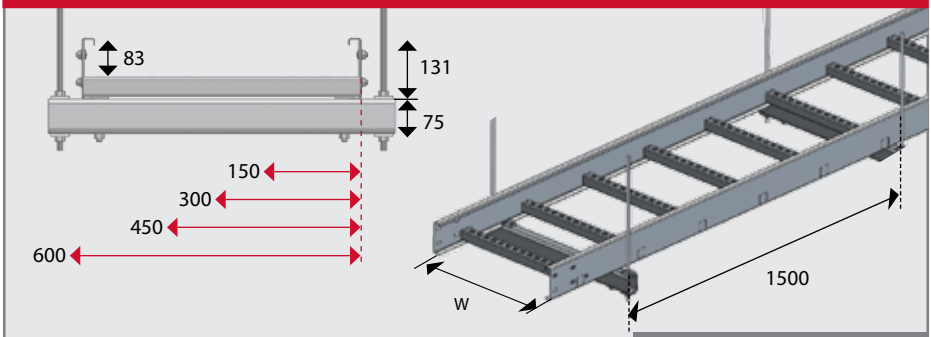


50kg/m over a **1.5m Span**

Available in 3m or 6m lengths
6m lengths standard

D **AVAILABLE AS MADE TO ORDER (MTO).**

FR60 FIRE RATED CABLE LADDER

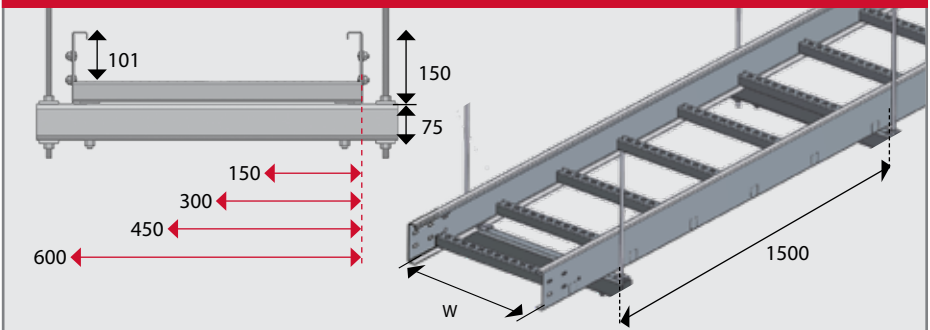


60kg/m over a **1.5m Span**

Available in 3m or 6m lengths
6m lengths standard

D **AVAILABLE AS MADE TO ORDER (MTO).**

FR70 FIRE RATED CABLE LADDER

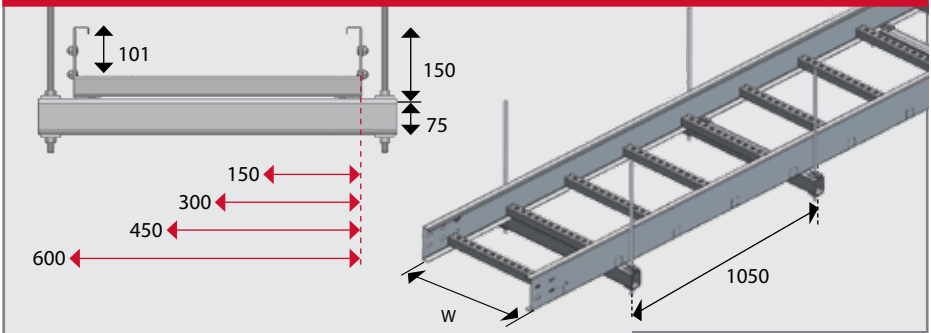


70kg/m over a **1.5m Span**

Available in 3m or 6m lengths
6m lengths standard

D **AVAILABLE AS MADE TO ORDER (MTO).**

FR100 FIRE RATED CABLE LADDER

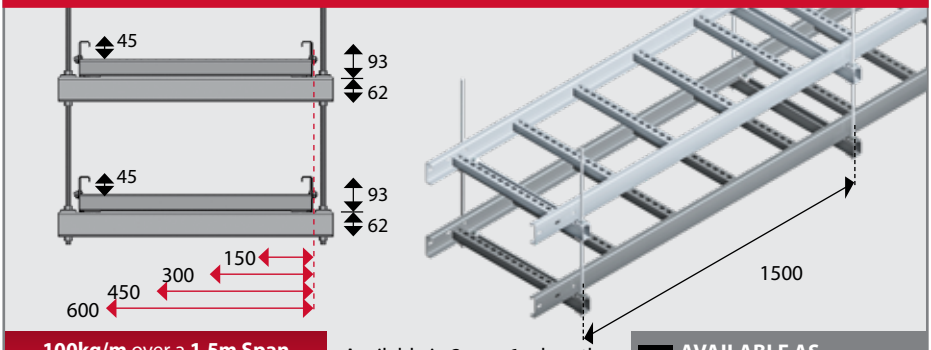


100kg/m over a **1.05m Span**

Available in 3m or 6m lengths
6m lengths standard

D AVAILABLE AS MADE TO ORDER (MTO).

FR100D FIRE RATED CABLE LADDER, Double Stacked

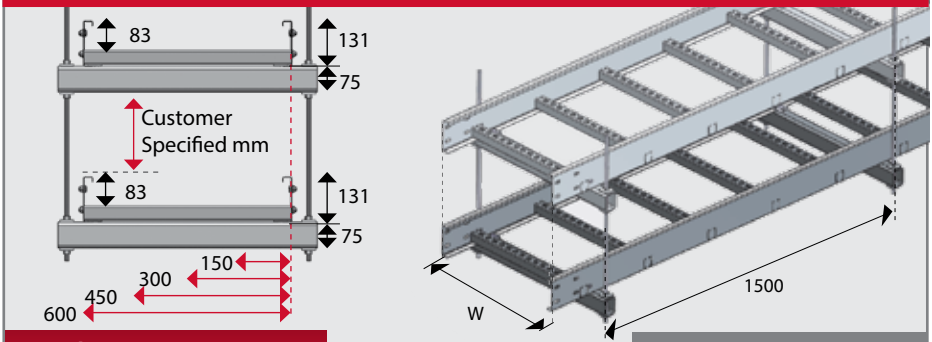


100kg/m over a **1.5m Span**
(50kg/m on each ladder max)

Available in 3m or 6m lengths
6m lengths standard

D AVAILABLE AS MADE TO ORDER (MTO).

FR114D FIRE RATED CABLE LADDER, Double Stacked



114kg/m over a **1.5m Span**
(57kg/m on each ladder max)

Available in 3m or 6m lengths
6m lengths standard

D AVAILABLE AS MADE TO ORDER (MTO).

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)

HOW TO ORDER FITTINGS TO SUIT FIRE RATED LADDER

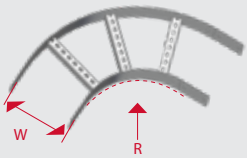
— Bends, Internal/External Risers, Tees & Crosses

Example **FR50 B 300 3 H**

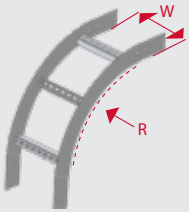
Select Fire Rated Load		Specify Fitting		Select Width - W (mm)	Select Radius -R (mm)		Apply Finish	
FR20	20kg/m	B	Bend	150	3	300	H	Hot Dip Galvanised
FR26	26kg/m	ER	Ext. Riser	300	4	450		
FR50	50kg/m	IR	Int. Riser	450	6	600		
FR60	60kg/m	T	Tee	600				
FR70	70kg/m	C	Cross					
FR100	100kg/m							
FR100D	100kg/m (Double Stacked)							
FR114D	114kg/m (Double Stacked)							

BENDS, RISERS, TEES & CROSSES FOR FIRE RATED CABLE LADDER

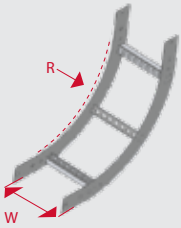
B BEND



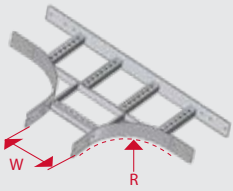
ER EXTERNAL RISER



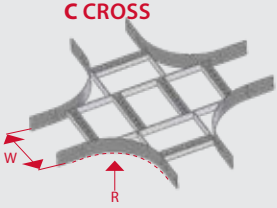
IR INTERNAL RISER



T TEE



C CROSS



Fittings suited to FR50 shown for illustration purposes.

D AVAILABLE AS MADE TO ORDER (MTO).