



Fall Protection

Fewer parts. Fast installs. ANSI Compliant.

3M™ DBI-SALA® Lad-Saf™ Flexible Cable Vertical Safety Systems



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Adding or upgrading your vertical safety systems just got easier. The new generation of Lad-Saf Systems are reengineered to simplify and speed up the installation process. With up to 72% fewer loose components* than some of our previous models, these lightweight systems are streamlined for easy installation and maintenance on a variety of structures—such as fixed ladders and telecommunication towers.

They have also been designed to meet the requirements of the new ANSI Z359.16 standard when used with our Lad-Saf X2 or X3 sleeve, helping you to stay in compliance with the current fall protection standards.

*On specific models.

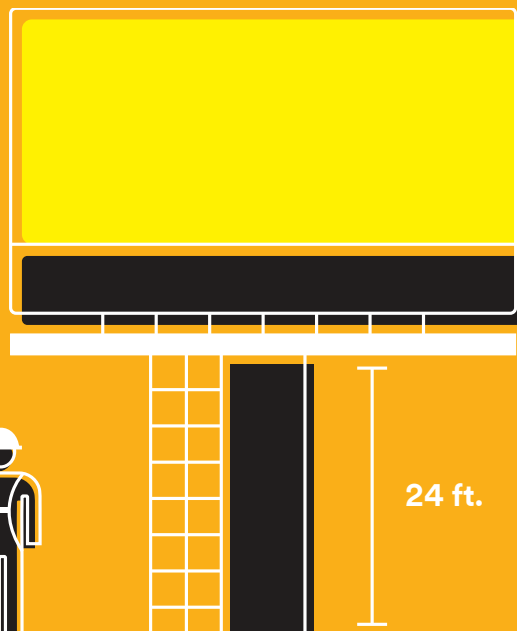
Rung, 2 User,
Stainless Steel
6116613*

Rung, 2 User,
Galvanized Steel
487R48



OSHA's Walking-Working Surfaces Final Ruling requires:

- ▶ Install personal fall arrest or ladder safety systems on new and replacement fixed ladders over 24 ft.
- ▶ Replace cages and wells (used as fall protection) with ladder safety or personal fall arrest systems on all fixed ladders over 24 ft. by the year 2036.



24 ft.



**Rung, 4 User,
Galvanized
Steel - 6116614***

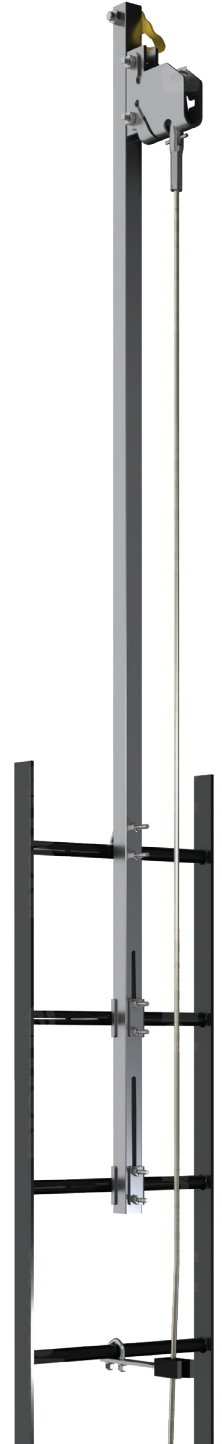


**Monopole, 4 User,
Galvanized Steel - 6116615*
Monopole, 4 User,
Stainless Steel - 6116619***



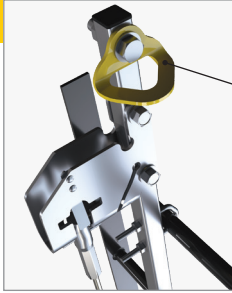
**Telescoping Extension,
4 User, Galvanized
Steel - 6116618***

*Ideal to provide access to roof-
tops through a roof hatch.*



**Climb Extension,
2 User, Galvanized
Steel - 6116617***

Streamlined Design



Convenient

Integrated fall arrest-rated anchor point.

Fast

Installation is easy with fewer loose parts and more robust cable tensioning and termination as compared to our previous systems.



New Pre-Swaged Cable Termination

Durable, high-strength steel construction that allows for easy installation and maintenance-free longevity.

Flexible

Mounting brackets can be used on a variety of fixed ladder styles that may consist of different rung spacings and shapes.

Previous Generation Cable

Ladder, Climb Extension and Grab Bar-Telescoping application fit the following rung types and spacing:

	Rung spacing	9 in.-12.25 in. (200 mm-310 mm)
	Cylindrical rung	0.75 in.-1.6 in. (19 mm-40 mm) diameter
	Square rung	0.75 in.-1.6 in. (19 mm-40 mm)
	Diamond rung	0.75 in.-1.6 in. (19 mm-40 mm) height
	Angle iron	0.75 in.-1.6 in. (19 mm-40 mm) leg height
	Rectangular rung	0.75 in.-1.6 in. (19 mm-40 mm) height, 0.75 in.-1.9 in. (19 mm-48 mm) width

Previous Generation System

New Generation System



Light

Total system weighs less than our previous 2- and 4-user systems.

Simple

Most configurations use fewer than 13 separate components—up to 72% less than some of our previous models.



Lad-Saf X3

Compatible

Designed for use with your Lad-Saf X3 Detachable Cable Sleeve (65YH40*). Also compatible with Lad-Saf X2 Detachable Cable Sleeve (29EZ46*).

Two Ways to Order

1

Custom Configured Systems

Choose:

► **Top & Bottom Bracket System** (both brackets included)

Application	User	Material	Part #
Rung	2 User	Galvanized Steel	487R48
Rung	2 User	Stainless Steel	6116613*
Rung	4 User	Galvanized Steel	6116614*
Wood Pole	2 User	Galvanized Steel	6116616*
Monopole	4 User	Galvanized Steel	6116615*
Monopole	4 User	Stainless Steel	6116619*
Climb Extension	2 User	Galvanized Steel	6116617*
Telescoping Extension	4 User	Galvanized Steel	6116618*

► **Pre-swaged cable at desired length**

First 4 numbers in SKU represent the cable type, last 3 numbers represent cable length in feet.

Part #	487RXX			
Diameter	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)
Strand	1 × 7	1 × 7	7 × 19	7 × 19
Steel	Galvanized	Stainless	Galvanized	Stainless
Preformed	Left, Regular Lay	Left, Regular Lay	Right, Regular Lay	Right, Regular Lay
Compliance	RR-W-410	RR-W-410	RR-W-410	RR-W-410

Lifeline cable offered in:

- 10-100 ft. in 5 ft. increments
- 100-200 ft. in 10 ft. increments
- Over 200 ft. in 20 ft. increments



► **Cable guides as needed (recommend every 20-40 feet)**

Application(s)	Type	Material	Part #
Ladder	Straight Guide	Galvanized Steel	6100400*
Ladder	Straight Guide	Stainless Steel	6100457*
Ladder	L Guide	Stainless Steel	6100513*
Ladder	Straight Guide	Galvanized Steel	6100530*
Telescoping & Extension	Straight Guide	Stainless Steel	6100401*
Monopole	L Guide	Galvanized Steel	6100515*
Wood Pole	Straight Guide	Stainless Steel	6100140*



6100400*

Additional cable guides available. Contact your Grainger Representative for more information.

► **Hollow rung ladder supports**

May be required for additional support. Contact your Grainger Representative for more information.

2

Complete Systems

Our most popular systems, which include all bracketry, pre-swaged cable, and cable guides in a single SKU.

(see back page)



One SKU. One full system. Simple.

Ordering a complete system is now even easier. We offer our most popular systems and lengths including all bracketry, cable, and guides—all in one single SKU.

2-User Ladder System and Cable

Cable Length	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
Guides Included	0	1	1	1	2	2	2	3	3
Galvanized Steel: <ul style="list-style-type: none"> • 487R48: Rung, 2-User • 6104XXX: 1 × 7 Swaged Cable, 3/8 in. • 6100400: Cable Guide for fixed ladder (1 per 30 ft.) 	6118020*	487R49	487R50	487R51	487R52	487R53	487R54	6118090*	6118100*
Stainless Steel: <ul style="list-style-type: none"> • 6116613: Rung, 2-User • 6105XXX: 1 × 7 Swaged Cable, 3/8 in. • 6100457: Cable Guide for fixed ladder (1 per 30 ft.) 	6119020*	487R55	6119040*	487R56	6119060*	6119070*	6119080*	6119090*	6119100*

Contact your Grainger representative to find the right system for your application.

* Items available through Grainger Sourcing only.

Authorized 3M™ Fall Protection Distributor

For more information contact your Grainger Representative or visit Grainger.com®.

