



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

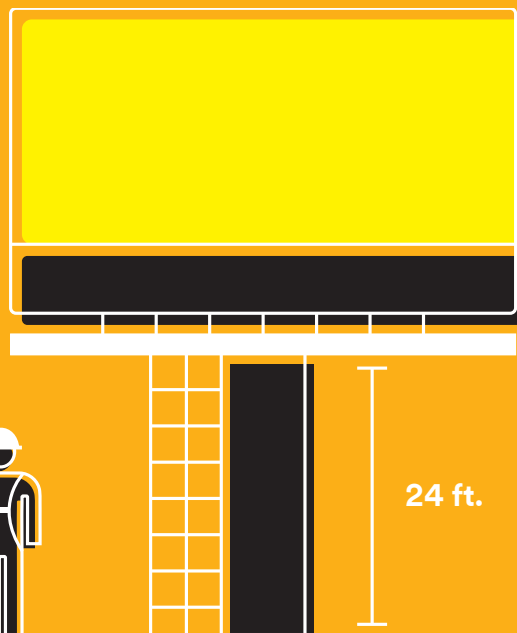
Rung, 2 User,
Galvanized Steel
6116612



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.

Contact 3M Fall Protection to learn more.



24 ft.



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

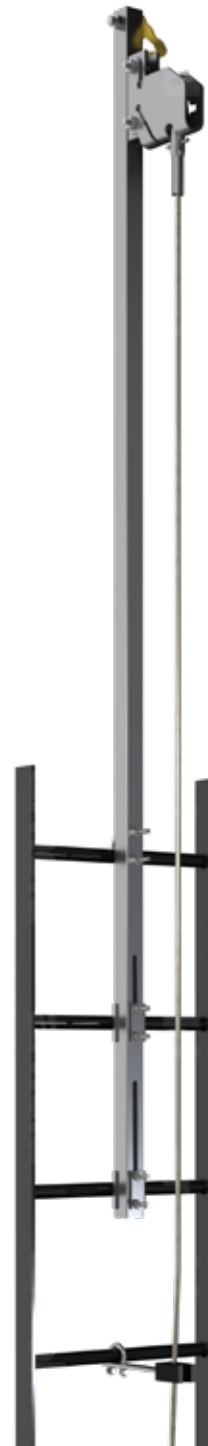


**Monopole, 4 User,
Galvanized Steel - 6116615**
**Monopole, 4 User,
Stainless Steel - 6116619**



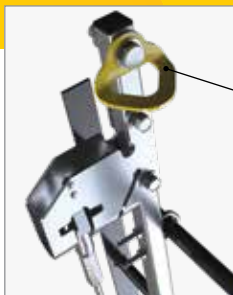
**Telescoping Extension,
4 User, Galvanized
Steel - 6116618**

*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.

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 (6160054). Also compatible with Lad-Saf X2 Detachable Cable Sleeve (6160030).

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	6116612
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 #	6104XXX	6105XXX	6106XXX	6107XXX
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
Breaking strength	15,400 lbs. minimum	18,000 lbs. minimum	14,400 lbs. minimum	12,000 lbs. minimum

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 3M Fall Protection Sales Representative for more information.

► Hollow rung ladder supports

May be required for additional support. Contact your 3M Fall Protection Sales Representative for more information.

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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"> 6116612: Rung, 2-User 6104XXX: 1 × 7 Swaged Cable, 3/8 in. 6100400: Cable Guide for fixed ladder (1 per 30 ft.) 	6118020	6118030	6118040	6118050	6118060	6118070	6118080	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	6119030	6119040	6119050	6119060	6119070	6119080	6119090	6119100

Contact your 3M Fall Protection sales representative to find the right system for your application.



Watch
Installation
Video

Visit [3M.com/LadSaf](https://www.3m.com/LadSaf)

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