

LADDER FALL ARREST SYSTEM



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.



Rung, 2 User,
Stainless Steel
6116613



Rung, 4 User,
Galvanized Steel
6116614



Monopole, 4 User,
Galvanized Steel
6116615



Telescoping Extension,
4 User,
Galvanized Steel
6116618



Climb Extension,
2 User,
Galvanized Steel
6116617

Monopole, 4 User,
Stainless Steel
6116619

Ideal to provide access to rooftops through a roof hatch.

*On specific models.






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.

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

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.

Light

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

Simple

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

Compatible

Designed for use with your Lad-Saf X3 Detachable Cable Sleeve (6160054). Also compatible with Lad-Saf X2 Detachable Cable Sleeve (6160030).

ORDER OPTION 1: CUSTOM CONFIGURED SYSTEMS

1 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

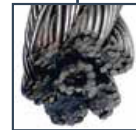
2 Pre-swaged cable at desired length

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 x 7	1 x 7	7 x 19	7 x 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. min.	18,000 lbs. min.	14,400 lbs. min.	12,000 lbs. min.

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



3 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

Additional cable guides available. Contact your 3M Fall Protection Sales Representative for more information.

4 Hollow rung ladder supports

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

ORDER OPTION 2: COMPLETE SYSTEMS

One SKU. One full system. Simple.

Ordering a complete 2-user ladder and cable system is now even easier. We offer our most popular systems and lengths including all bracketry, cable, and guides—all in one single SKU.

Galvanized Steel:

- 6116612: Rung, 2-User
- 6104XXX: 1 x 7 Swaged Cable, 3/8 in.
- 6100400: Cable Guide for fixed ladder (1 per 30 ft.)

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
SKU	6118020	6118030	6118040	6118050	6118060	6118070	6118080	6118090	6118100

Stainless Steel:

- 6116613: Rung, 2-User
- 6105XXX: 1 x 7 Swaged Cable, 3/8 in.
- 6100457: Cable Guide for fixed ladder (1 per 30 ft.)

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
SKU	6119020	6119030	6119040	6119050	6119060	6119070	6119080	6119090	6119100



EDGE

FALL PROTECTION

844-314-1374 | EDGEfallprotection.com | Info@edgefallprotection.com

EDGE VERTICAL LADDER KITS

EDGE Latchways Vertical Ladder Kits provide an easy-to-install solution when fall protection is necessary for climbing activities on fixed ladders. A vertical lifeline allows movement up and down the entire height of the line, eliminating the need to disconnect and find new tie-off points while ascending or descending a ladder. In the event of a fall, the climbing device automatically engages the vertical lifeline and locks, arresting the fall and potentially saving a life.

These vertical ladder kits come in multiple lengths for different ladder heights and must be used in conjunction with the Latchways LadderLatch™ climbing device.

The LadderLatch climbing device is a device for use on all Latchways vertical systems. It incorporates the unique starwheel, allowing the unit to pass over cable supports without the need to detach. It also includes an anti-inversion mechanism so the device cannot be connected to the cable upside down.

The Latchways LadderLatch is SOLD SEPARATELY.

KIT ORDERING INFORMATION

Vertical Ladder System Kits

PART #	30901-00	30902-00	30903-00	30904-00	30905-00
Size	20 ft (6 m)	40 ft (12 m)	55 ft (17 m)	75 ft (22 m)	90 ft (27 m)

Extension Post—Vertical Ladder System Kits

PART #	31901-00	31902-00	31903-00	31904-00	31905-00
Size	20 ft (6 m)	40 ft (12 m)	55 ft (17 m)	75 ft (22 m)	90 ft (27 m)

Extension Posts are necessary for ladders where the the top rung does not give the necessary clearance required to step on to the surface area. The user will need additional height for the fixed ladder in order to step onto the surface area and detach properly.

APPROVALS

- ANSI Z359.1
- CSA Z259.2.5
- Meets OSHA 1910.28 – Walking/Working Surfaces Standard

WE INSTALL TOO!

Let us do it for you. Call to get a quote for our professional installation services.



Vertical ladder system

Vertical ladder system with extension post

KIT COMPONENTS



Galvanized top anchor



Top anchor fixing kit



Lifeline absorber assembly with stainless steel cable attached



Ladder mount intermediate gate



Cable guide fixing kit



Bottom anchor assembly



Bottom anchor fixing kit



System label kit



Galvanized extension post



Extension post fixing kit

TOOLS REQUIRED

- 2 x 19 mm wrench
- 1 x 5 mm security head allen key
- 2 x adjustable wrench—adjustable to 1¼" (30 mm)
- 1 x 17 mm deep socket
- Cable cutters
- Long nose pliers
- Torque wrench capable of applying 14.75 ft lb (20 Nm)

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

ATTACHMENT DEVICE (SOLD SEPARATELY)

Latchways attachment devices are designed to connect the user, wearing a full body harness, to a Latchways cable system. These devices allow hands-free operation for system users. The unique starwheel allows the device to pass over cable supports without the need to detach.

CAUTION: The Latchways LadderLatch device is the only approved attachment device for use with MSA Latchways Vertical Ladder Kits.

PART NUMBER	CONFORMANCE
3104L-00	ANSI - Z359.1-2007
3103L-00	CSA - Z259.2.5-12

