Racks, Cabinets & Infrastructure
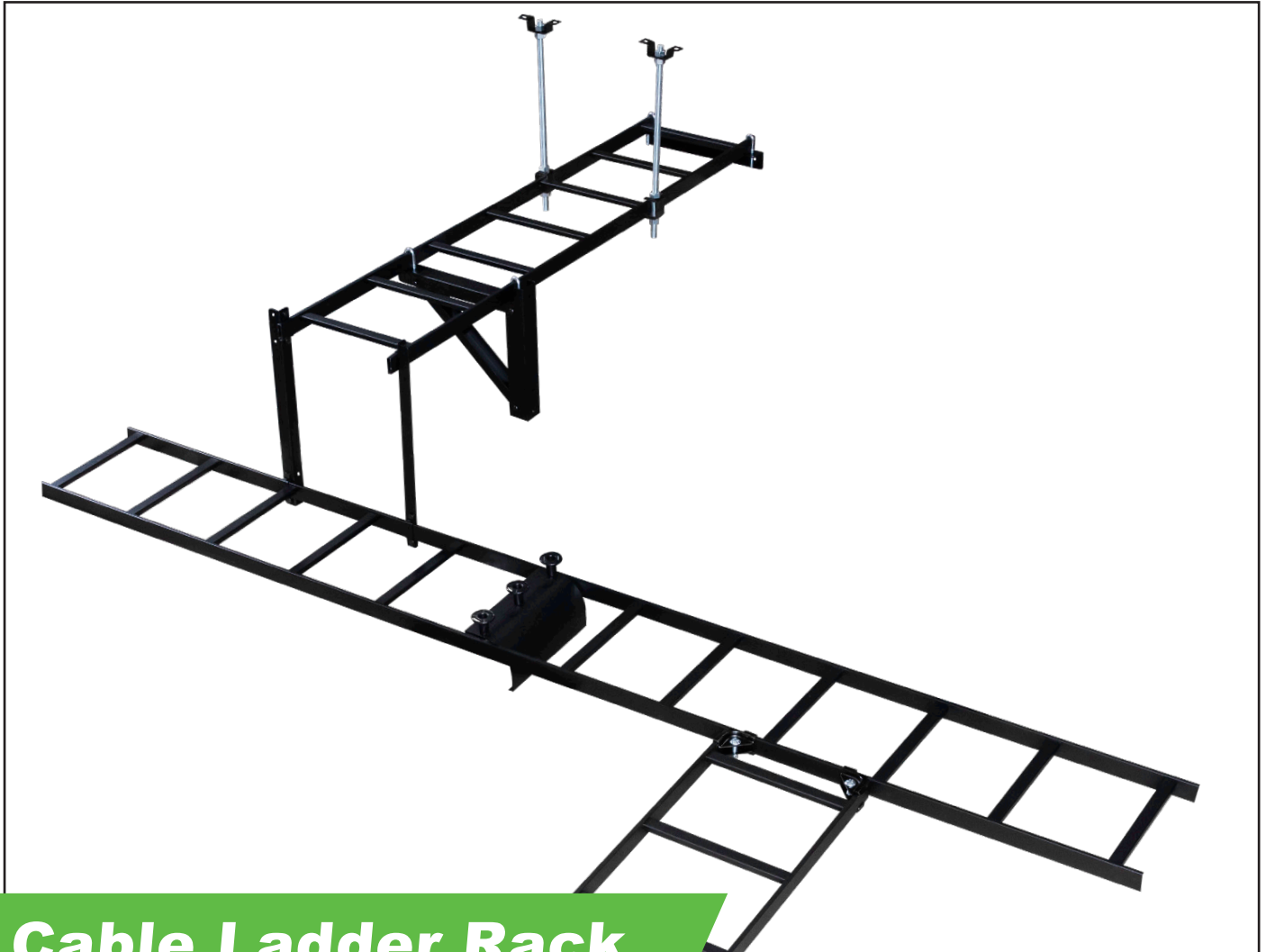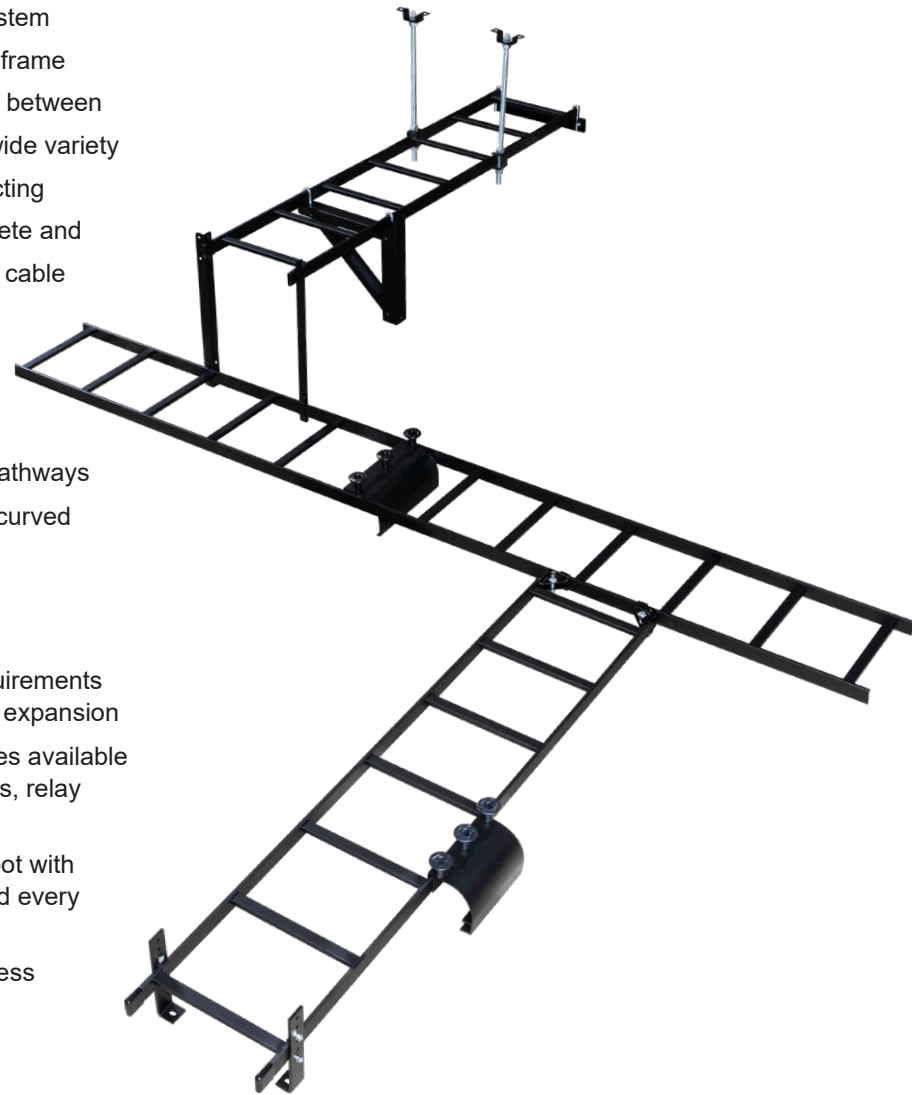

Cable Ladder Rack

Introduction

The VLR Series Cable Ladder Rack System mounts to the top of cabinets and open frame racks to provide overhead cable routing between aisles or across an open span. With a wide variety of accessories for mounting and connecting ladder sections, Vericom offers a complete and configurable solution that will keep your cable bundles organized and protected.

Features Include:

- Suitable for communication cable pathways
- Available in 12" width, straight and curved sections
- Welded tubular steel construction
- Black powder coat finish
- Configurable to suit current job requirements with the flexibility to allow for future expansion
- Full line of hardware and accessories available for mounting to ceilings, walls, floors, relay racks & networking enclosures
- Max load capacity of 132 lbs. per foot with minimum deflection when supported every 5 feet
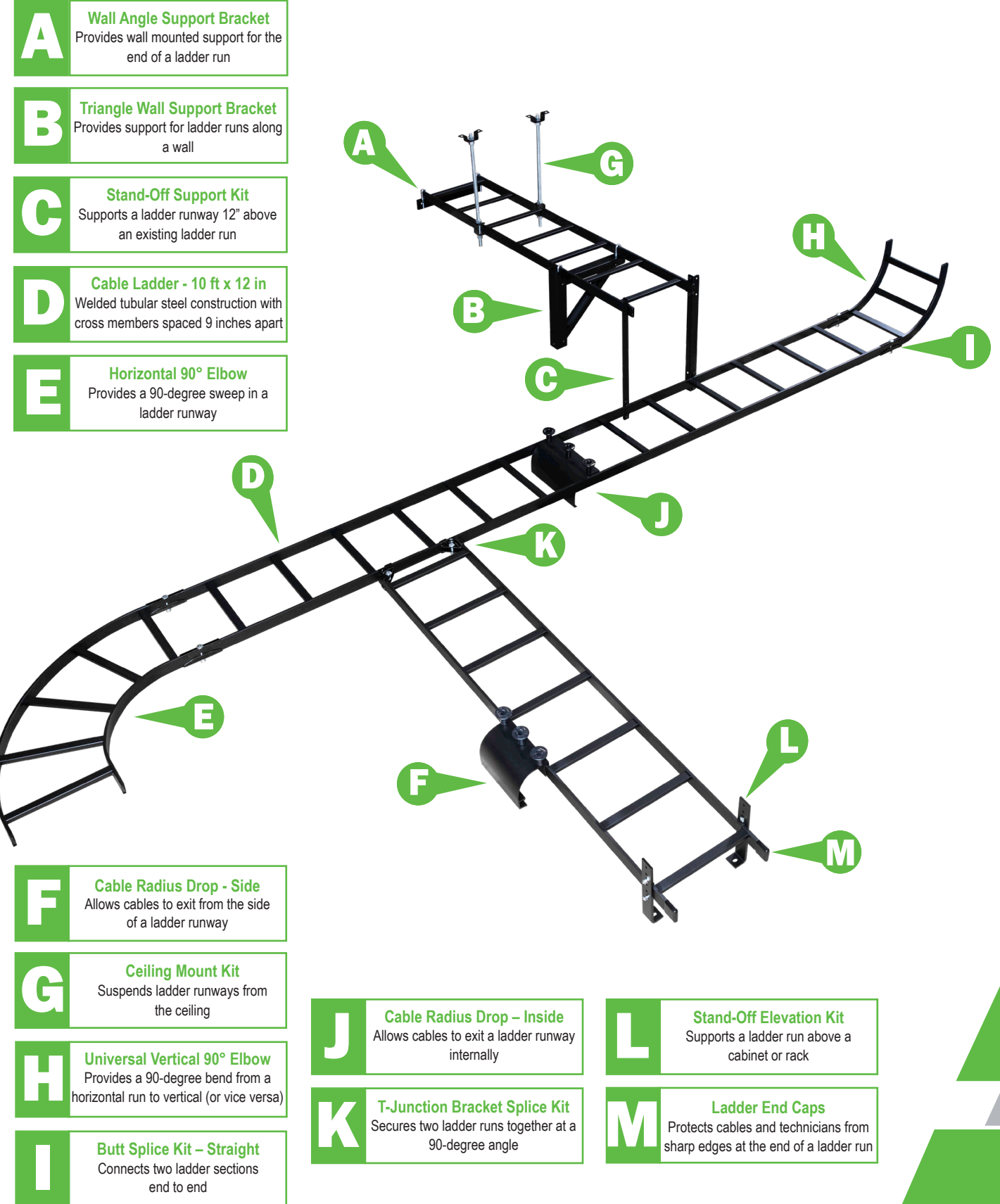- Individually packaged and sold, unless specified as a kit

Product Spotlight: Ladder Rack To Wall Kit

Our Rack To Wall Ladder Kit provides everything you need to support cable runs between a rack and a wall, all under one simple-to-order item number. This kit is compatible with most 2-post racks with 3" wide posts.

VLR-1205KIT

Kit Includes:

- (1) 5 ft ladder rack runway (12" wide)
- (1) Wall angle support bracket
- (1) Rack to runway mounting plate
- (6) J-bolts, washers, and nuts
- (2) End caps

A — **Wall Angle Support Bracket**
Provides wall mounted support for the end of a ladder run

B — **Triangle Wall Support Bracket**
Provides support for ladder runs along a wall

C — **Stand-Off Support Kit**
Supports a ladder runway 12" above an existing ladder run

D — **Cable Ladder - 10 ft x 12 in**
Welded tubular steel construction with cross members spaced 9 inches apart

E — **Horizontal 90° Elbow**
Provides a 90-degree sweep in a ladder runway

F — **Cable Radius Drop - Side**
Allows cables to exit from the side of a ladder runway

G — **Ceiling Mount Kit**
Suspends ladder runways from the ceiling

H — **Universal Vertical 90° Elbow**
Provides a 90-degree bend from a horizontal run to vertical (or vice versa)

I — **Butt Splice Kit – Straight**
Connects two ladder sections end to end

J — **Cable Radius Drop – Inside**
Allows cables to exit a ladder runway internally

K — **T-Junction Bracket Splice Kit**
Secures two ladder runs together at a 90-degree angle

L — **Stand-Off Elevation Kit**
Supports a ladder run above a cabinet or rack

M — **Ladder End Caps**
Protects cables and technicians from sharp edges at the end of a ladder run

Cable Ladder Rack

Description

This cable ladder rack is used to support horizontal cable runs and is available in 5 foot or 10 foot lengths.

Features

- Maximum load with minimum deflection of 132 lbs. per foot (when supported every 5 feet)
- 1 1/2" x 3/8" x 0.06" thick tubular steel stringers
- 1" x 1/2" x 0.06 thick tubular steel cross members, welded on 9" centers
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-1205	5' L Ladder Rack	5' x 12" x 1.5"
VLR-1210	10' L Ladder Rack	10' x 12" x 1.5"

Horizontal 90° Elbow

Description

This horizontal elbow is used to create a 90° sweep in the horizontal plane for cable ladder runway and is designed to conform with minimum cable bend radius requirements.

Features

- 1 1/2" x 3/8" x 0.06" thick tubular steel stringers
- 1" x 1/2" x 0.06 thick tubular steel cross members
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-12HRE	90° Horizontal Bend Ladder	27.0" x 27.0" x 1.5"

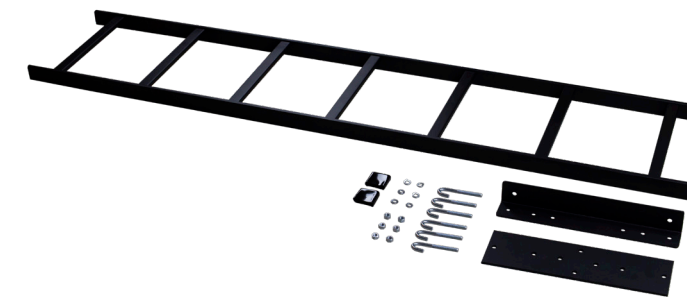## Universal Vertical 90° Elbow

Description

This vertical elbow provides a 90° bend from a horizontal run to vertical (or vice versa) and functions as an inside or outside bend.

Features

- 1 1/2" x 3/8" x 0.06" thick tubular steel stringers
- 1" x 1/2" x 0.06 thick tubular steel cross members
- Conforms to minimum cable bends radius requirements
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-12UVR	Universal Radius Bend Ladder	12.0" x 12.0" x 11.5"

Ladder Rack to Wall Kit

Description

The Vericom Ladder Rack To Wall Kit provides everything you need to support cable runs between a rack and a wall, all under one simple-to-order item number. This kit is the ideal solution for supporting overhead cable runs between a rack and a wall while providing additional structure and stability to 2 posts racks.
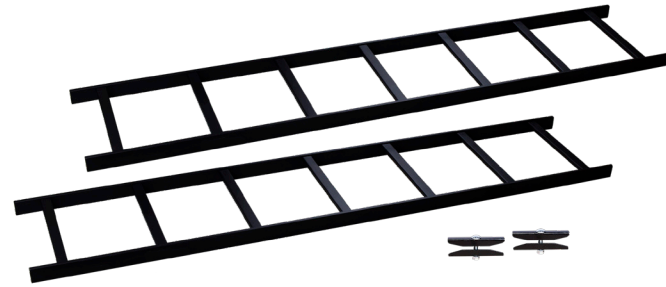
Kit Contents: (1) 5 ft Ladder Rack 12" Width, (1) Wall Angle Support Bracket, (1) Rack Mounting Plate, (2) End Caps, (6) J-Bolts, Washers & Nuts

Features

- Compatible with most 2-post racks with 3" wide posts
- Provides additional structure and stability to 2 post racks
- Easy ordering using just one item number
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-1205KIT	Ladder Rack To Wall Kit	N/A

5-Foot Ladder Rack Kit

Description

This 5-Foot Ladder Rack Kit is an economical way to ship the equivalent of 10 feet of ladder rack, without incurring hefty surcharges applied by freight carriers.

Kit Contents: (2) 5ft x 12" wide ladder sections and (1) butt splice kit, which when assembled creates 10 feet of ladder

Features

• Provides everything needed to replace one, 10-foot Ladder Rack

• Easy ordering using just one item number

• RoHS Compliant

• 60.3" x 12.6" x 2.3" box can be shipped via FedEx Ground or UPS

• Lower total cost of ownership compared to 10-Foot ladder sections

• Drastically reduces shipping costs for small ladder orders

Item Number	Description	Dimensions (L x W x H)
VLR-12052PK	5-Foot Ladder Rack Kit	N/A

Butt Splice Kit

Description

This kit is used to fasten cable ladder sections end to end.

Kit Includes: (2) Butt Splice Clamps and 3/8-16 Hardware

Features

• High Strength Steel

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A2EK00	Butt Splice Kit	N/A

T-Junction Bracket Splice Kit

Description

This kit is used to secure cable ladder runway sections together at a 90 degree intersection.

Kit Includes: (4) Corner Clamp Brackets, (2) 3/8"- 16 x 1 1/2" Carriage Bolts, (2) 3/8" Split Lock Washers, (2) 3/8" Hex Nuts

Features

• High Strength Steel

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A2JT	T-Junction Bracket Splice Kit	N/A

VLR Series Cable Ladder Rack
Splice Kits

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VLR Series Cable Ladder Rack
Drops

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Butt Splice Kit - 90°

Description

This kit is used to connect a horizontal ladder run to a vertical ladder run.

Kit Includes: (2) Butt Splice Clamps and 3/8-16 Hardware

Features

• High Strength Steel

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A2EK90	90° Butt Splice Kit	N/A

Butt Splice Kit - Swivel / Adjustable

Description

This kit is used to connect two ladder sections end to end at any angle.

Kit Includes: (2) Swivel / Adjustable Butt Splice Clamps and 1/4-20 Bolt-on Hardware

Features

• Fully adjustable to any angle

• High Strength Steel

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-ASSK	Butt Splice Kit: Swivel / Adjustable	N/A

Cable Radius Drop - Inside

Description

This radius drop allows cables to exit a ladder run internally while maintaining a proper bend radius.

Features

• Includes 3 plastic cable spools to organize and direct cables

• High Strength 6063-T6 Aluminum Extrusion

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A12DC	Cable Radius Drop Inside	10.8" x 4.3" x 4.6"

Cable Radius Drop - Stringer Side

Description

Our stringer drop allows cables to exit from the side of the ladder runway while maintaining proper cable bend radius.

Features

• Toolless snap-in installation

• Includes 3 plastic cable spools to organize and direct cables

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-ASD	Cable Radius Drop (Side)	7.8" x 4.5" x 4.5"

VLR Series Cable Ladder Rack
Support

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Wall Angle Support Bracket

Description

This support bracket provides perpendicular wall support for cable ladder runway.

Support Includes: (1) Wall Angle, (2) J-bolts, (2) 5/16-18 Split-Lock Washer, (2) 5/16-18 Hex Nut

Features

- Supports 12" wide ladder
- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A12WA	Wall Angle Support Bracket	14.0" x 2.0" x 2.0"

Ceiling Mount Kit - 5/8"

Description

This kit is used to suspend ladder runs from the ceiling.

Kit Includes: (2) Ceiling Brackets, (2) Slip-On Brackets, (8) 5/8" Bolts, and (2) 6' Threaded Rods

Features

- Includes threaded rod
- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-ATRCK	Ceiling Mount Kit	N/A

Standoff Support Kit - 12"

Description

This standoff support kit allows the attachment of cable ladder 12" directly above and either perpendicular or parallel to existing cable ladder.
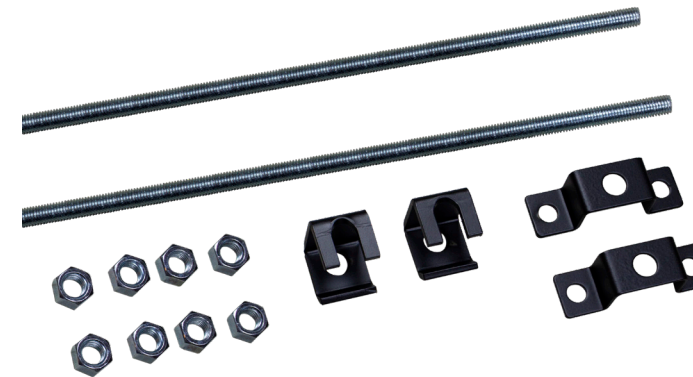
Kit Includes: (2) Angle Brackets, (4) Clamp Brackets, (8) sets of 1/4-20 hardware

Features

- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A12SSK	12" Standoff Support Kit	N/A

Ladder Support Bracket

Description

This bracket is used to suspend cable runway from a 5/8" threaded rod (rod not included).
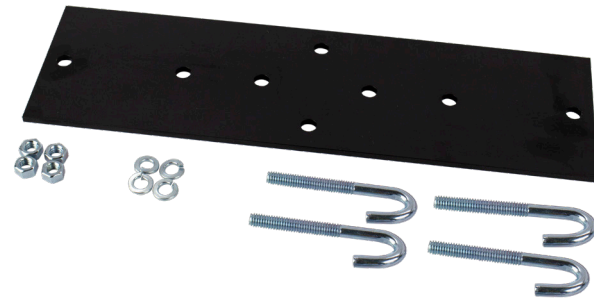
Kit Includes: (2) Slip-On Brackets and (4) 5/8" Bolts

Features

- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A2RSSB	Ladder Support Bracket	N/A

VLR Series Cable Ladder Rack
Support

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Rack Mounting Plate Kit

Description

Our rack mounting plate kit is used to secure cable ladder runway to the top of any 3" channel relay rack.

Kit Includes: (1) mounting plate, (4) j-bolts, (4) 5/16-18 hex nuts, (4) 5/16-18 split lock washers

Features

- Mounts either parallel or perpendicular to the rack
- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A123RP	Rack Mounting Plate Kit	13.5" x 4.0"

Triangle Wall Support Bracket

Description

This support bracket provides a stable mounting surface for ladder runs along a wall.

Features

- 400lbs Load Rating
- Assembly required
- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A12TWS	Triangle Wall Support Bracket	13.0" x 14.0" x 2.1"

Floor Mount Bracket Kit

Description

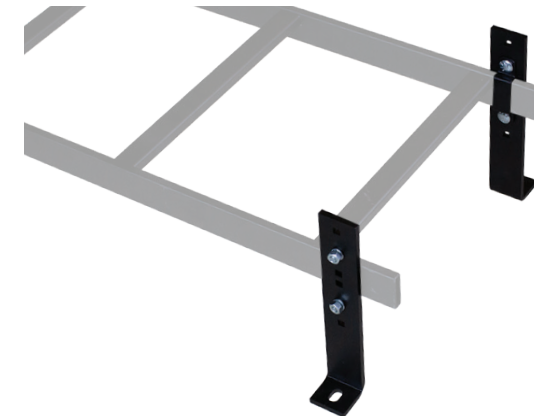This support bracket kit is used to mount cable ladder runways to the floor.

Kit Includes: (2) Floor Mount Brackets, (1) Straight Splice Hardware Kit

Features

- High Strength Steel
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A2FA	Floor Mount Bracket Kit	N/A

Standoff Elevation Kit - 4"-6"

Description

This standoff elevation kit supports a ladder run 4 or 6" above a relay rack or cabinet.

Kit Includes: (2) Elevation Brackets, (2) Ladder Clamps, (4) Sets of 1/4-20 Mounting Hardware

Features

- High Strength Steel supports the weight of a loaded ladder
- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A46SK	Standoff Elevation Kit	N/A

Vertical Wall Bracket Kit

Description

This kit is used to secure a vertical ladder run flush to a wall.

Kit Includes: (2) Vertical Wall Brackets

Features

• High Strength Steel

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-AVWB	Vertical Wall Bracket Kit	N/A

L Bracket for Cable Ladder Rack

Description

This L Bracket mounts to a ladder rack stringer to provide a pathway for power or other cables that should be physically separated from main cable runs. Mounts to any 1 ½" x 3/8" tubular or solid runway.
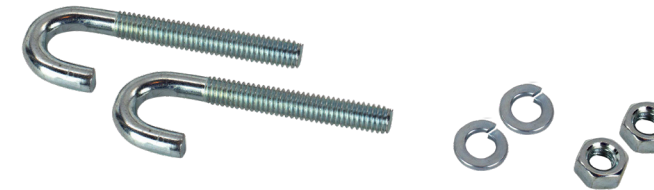
Kit Includes: (1) 5" L Bracket and 1/4" mounting hardware

Features

• High Strength Steel

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A5LB	L Bracket for Cable Ladder Rack	N/A

J-Bolt Kit

Description

J-bolts are used to secure a piece of ladder to various mounting brackets.

Kit Includes: (2) 5/16- 18 x 3" J-Bolts, (2) 5/16 Split Lock Washers, (2) 5/16- 18 Hex Nuts

Features

• Material: Zinc

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A300JK	J-Bolt Kit	N/A

Grounding Strap Kit

Description

The Grounding Strap Kit provides grounding across a cable ladder splice. Installation requires drilling into ladder stringer.

Kit Includes: (1) Grounding Strap, (2) 1/4-20 Hex Bolts

Features

• RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-AGK	Grounding Strap Kit For Cable Runway	N/A

Ladder Rack Termination Kit

Description

The Ladder Rack Termination Kit closes off the end of a 12" wide ladder runway and prevents cables from snagging on the cut end of the ladder.

Kit Includes: (1) ladder rung, (4) corner clamps, and 3/8" hardware

Features

- RoHS Compliant
- 16-gauge tubular steel

Item Number	Description	Dimensions (L x W x H)
VLR-A12TK	Ladder Rack Termination Kit	N/A

Ladder Rack End Cap Kit

Description

These end caps are used as an effective and cost efficient way to protect runway ends from being damaged. Our ladder rack end cap kit is offered as a set of 2.

Kit Includes: (2) End Caps

Features

- RoHS Compliant

Item Number	Description	Dimensions (L x W x H)
VLR-A2EC	Ladder Rack End Cap Kit For Cable Runway	1.5" X 8.38"

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Vericom Global Solutions

2511 Westcott Blvd.
Knoxville, TN 37931

Phone: 865.671.4455 | Fax: 865.671.4497
Email: sales@vericomsolutions.com | Web: vericomsolutions.com