IMPORTANT: Before you start, please plan on how the ladder rack system is to be configured.

How to Mount Ladder

Wall Support Bracket, Perpendicular
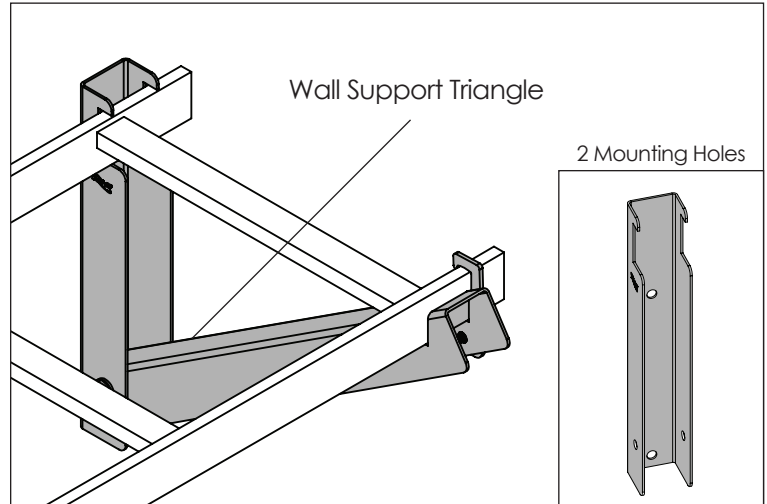
Wall Support Bracket
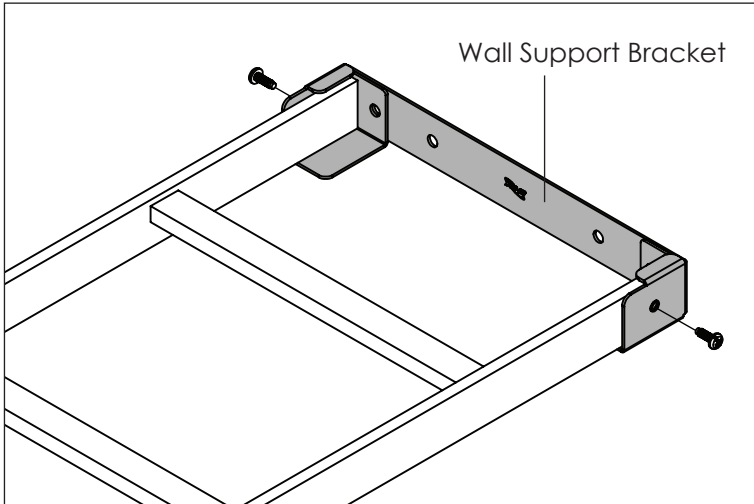
Part No.: ICCMSLAWS2

- To mount ladder rack runway to the wall
- Includes 2 brackets and 4 #12-24 x 5/8 screws
- Wall fasteners are not included
- Hole size for mounting to the wall is 0.35"

Note: Drywall can not support the weight of ladder rack

Wall Support Triangle, Parallel

Wall Support Triangle

2 Mounting Holes

Part No.: ICCMSLTWS6

- Includes 6 Wall Support Triangles and 2 #12-24 x 5/8 screws
- Wall fasteners are not included
- Hole size for mounting to the wall is 0.35"

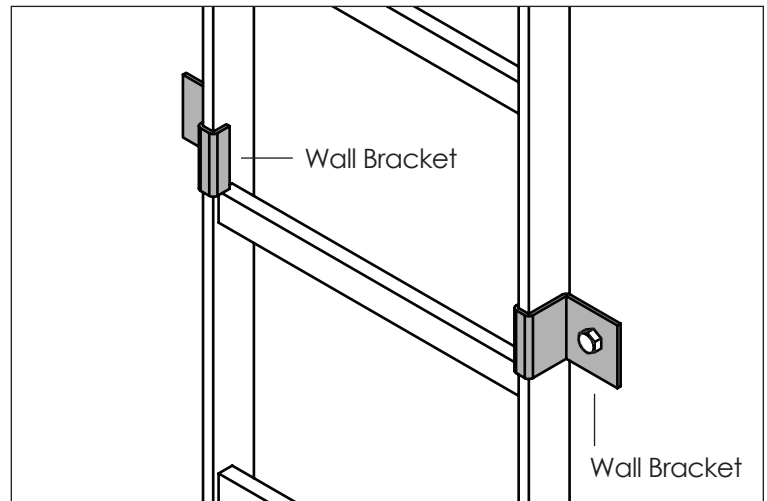Note: It is recommended to install a wall support triangle every 5'

5' Ladder Rack Kit, Perpendicular

Relay Rack Bracket

Wall Support Bracket
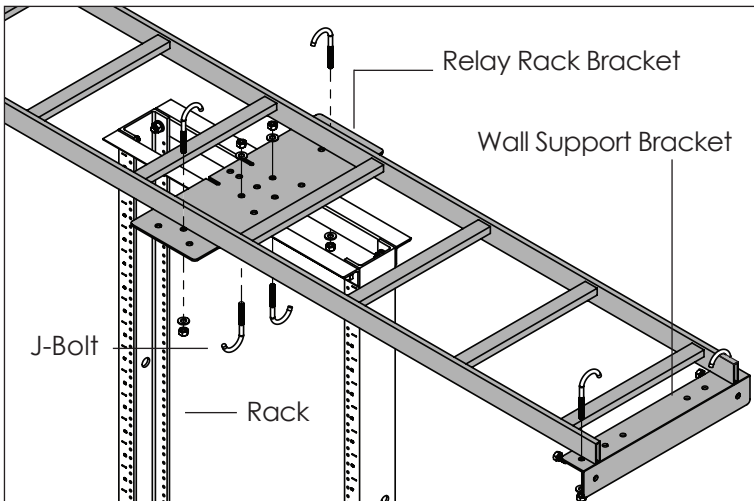
J-Bolt

Rack

Part No.: ICCMSLRW05

- To route cable from rack to wall
- Includes a 5' ladder rack, a relay bracket, a wall bracket, 2 J-bolts and 2 end caps
- Hole size for mounting to the wall is 0.35"

Wall Support Bracket, Vertical

Wall Bracket

Wall Bracket

Part No.: ICCMSLVWBK

- To secure ladder rack runway flat against the wall
- Includes 2 brackets
- Wall fasteners not included
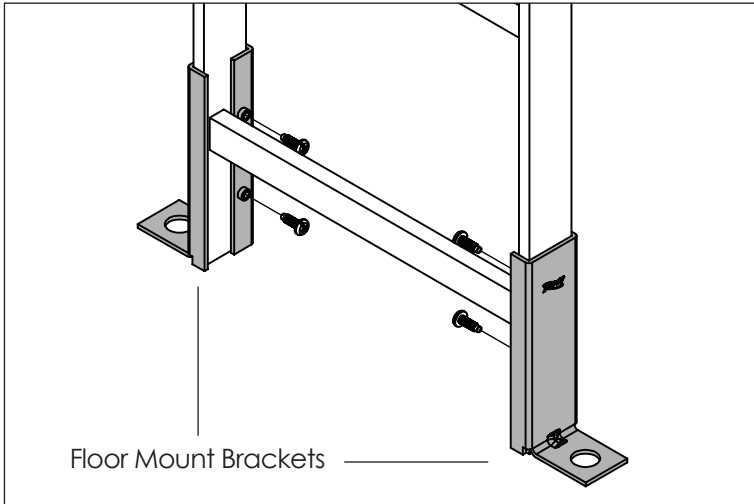- Hole size for mounting to the wall is 0.43"

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How to Mount Ladder
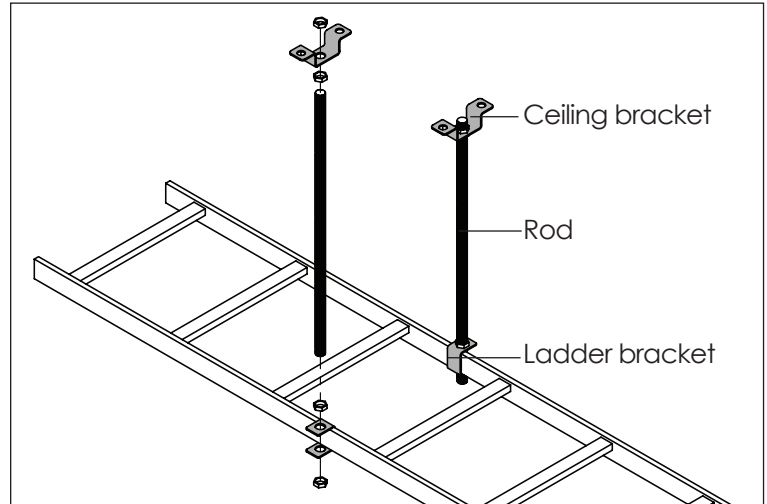
Floor Mount Kit

Floor Mount Brackets

Part No.: ICCMSLMFF2

• To join ladder rack runway at ends
• Includes 2 anchors and 4 #12-24 x 5/8 screws
• Floor fasteners not included
• Hole size for mounting to the floor is 0.75"
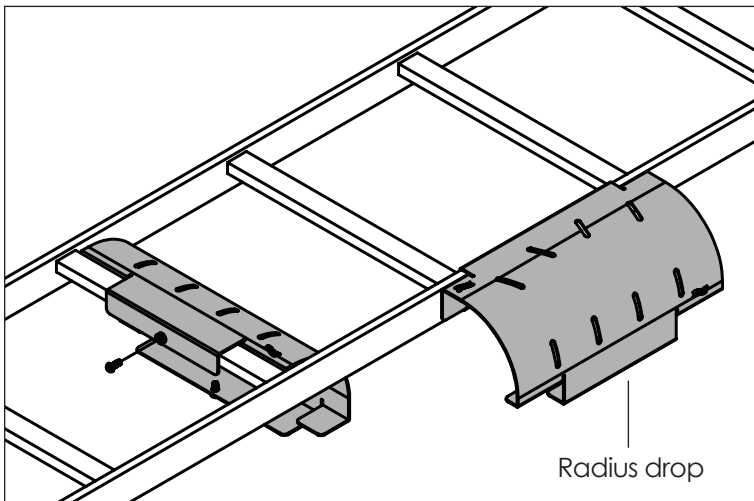
Ceiling Mount Kit with 6' Rods

Ceiling bracket

Rod

Ladder bracket

Part No.: ICCMSLCMRK

• To sustain over-hanging ladder rack runway to the ceiling
• Includes 2 threaded rods (6'), 2 ladder brackets, 2 ceiling brackets, and 8 nuts
• Ceiling fasteners not included
• Hole size for mounting to the ceiling is 0.53"
• Max load: 132lbs/ft when supported every 5'
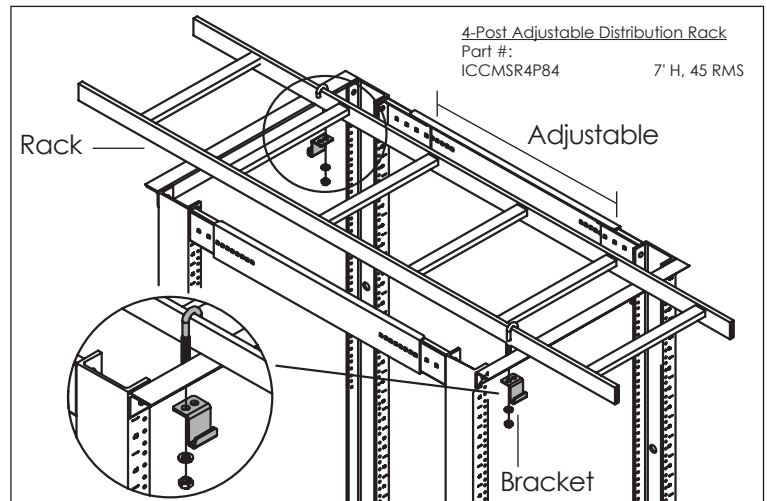
Cable Radius Drop

Radius drop

Part No.: ICCMSLRRDB

• To maintain proper cable bend radius at drop points
• Includes 2 radius controlled drops and 4 screws

4 Post Relay Rack Brackets

4-Post Adjustable Distribution Rack
Part #:
ICCMSR4P84   7' H, 45 RMS

Rack

Adjustable

Bracket

Part No.: ICCMSL4PBK

• To secure ladder rack runway over 4 post racks
• Includes 2 parallel mounting brackets, 2 perpendicular mounting brackets and 2 J-Bolts
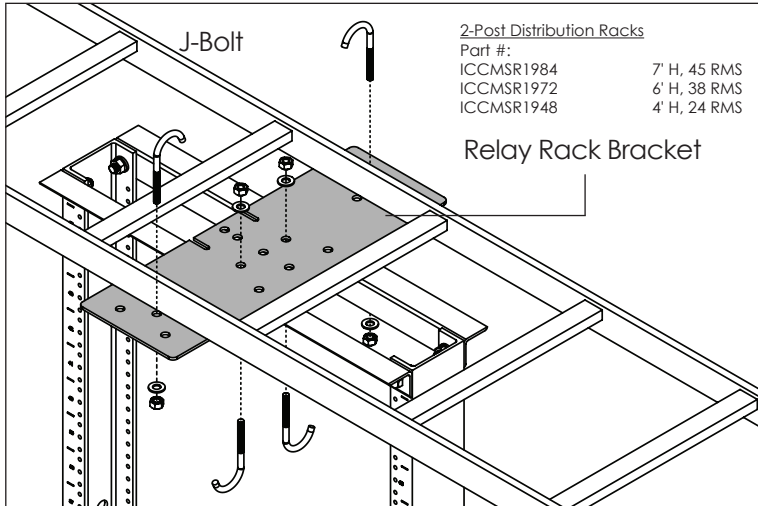
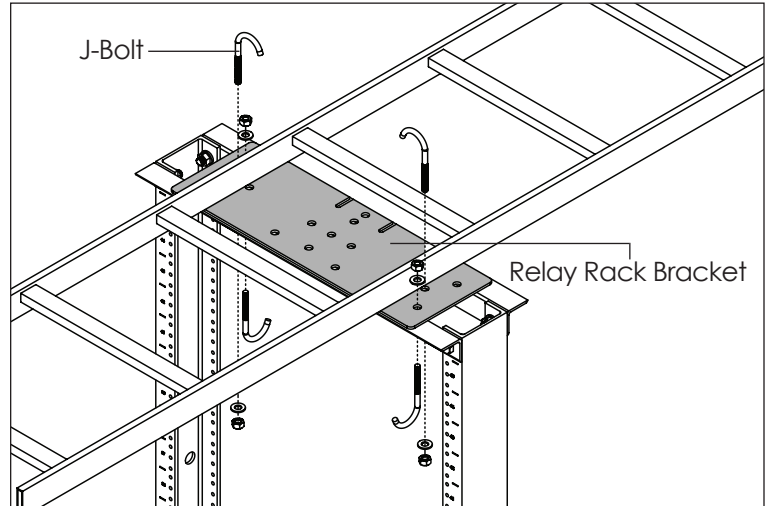**888-ASK-4ICC   csr@icc.com   icc.com**

IMPORTANT: Before you start, please plan on how the ladder rack system is to be configured.

How to Mount Ladder on a Rack with a Relay Rack Bracket Kit

On Distribution Racks

J-Bolt

2-Post Distribution Racks
Part #:
ICCMSR1984   7' H, 45 RMS
ICCMSR1972   6' H, 38 RMS
ICCMSR1948   4' H, 24 RMS

Relay Rack Bracket

Option 1: Mount bracket parallel to rack as shown using 2 J-Bolts. Then mount ladder running parallel to rack as shown using 2 J-Bolts.
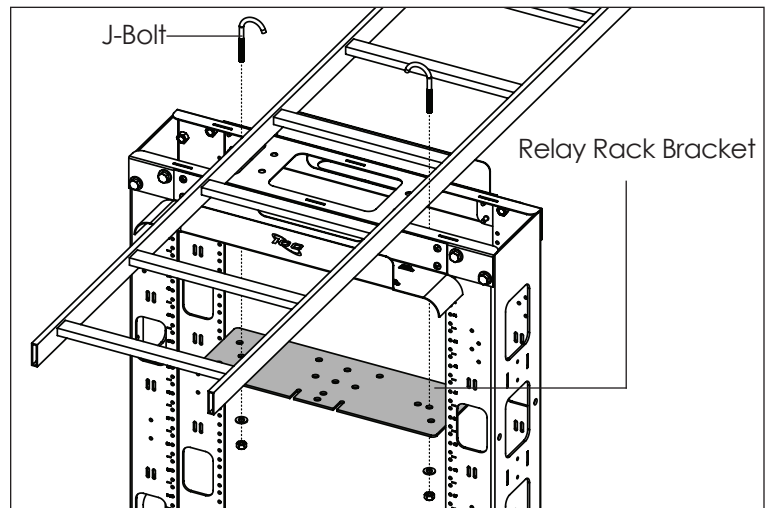

J-Bolt

Relay Rack Bracket

Option 2: Mount bracket perpendicular to rack as shown using 2 J-Bolts. Then mount ladder running perpendicular to rack as shown using 2 J-Bolts.

On Cable Managment Racks

Relay Rack Bracket

2-Post Cable Management Rack
Part #:
ICCMSCMRH7   7'H, 44 RMS
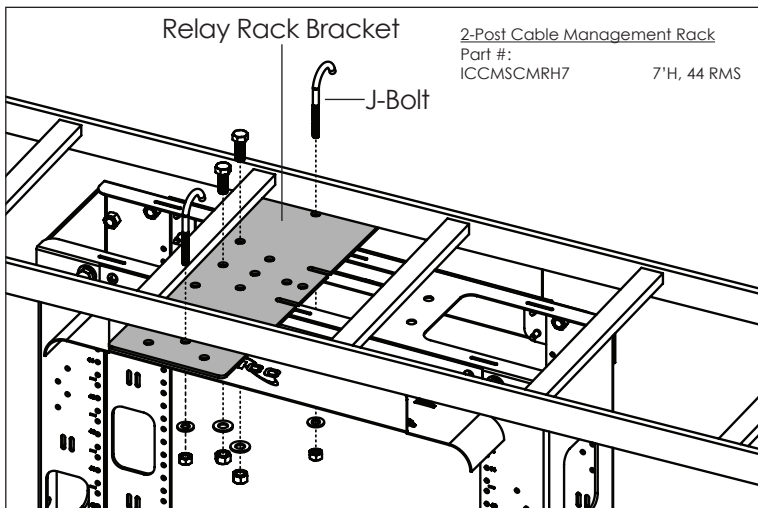
J-Bolt

Option 1: Mount bracket parallel to rack as shown using 2 J-Bolts. Then mount ladder facing parallel to rack as shown using 2 J-Bolts.

J-Bolt

Relay Rack Bracket

Option 2: Place ladder on top and bracket underneath perpendicular to rack as shown. Secure both of them using 2 J-Bolts.

Hole positions and size .375"
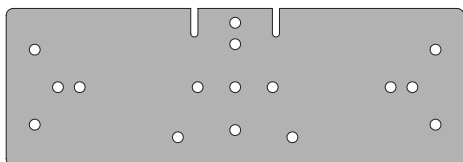
Part No. ICCMSLRRBK

Includes: 1 bracket, 4 J-Bolts, and 4 nuts.

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IMPORTANT: Before you start, please plan on how the ladder rack system is to be configured.
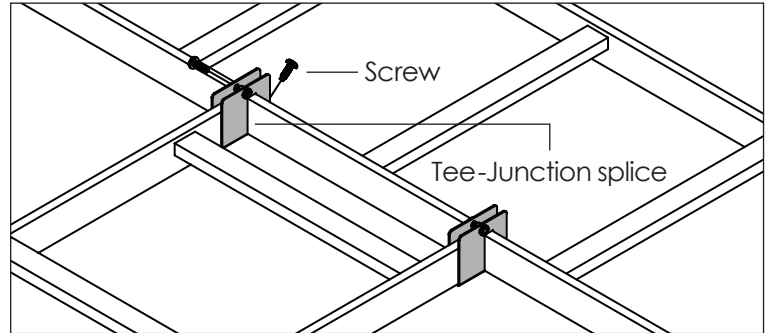
How to Connect Ladder and Protect Cable

End to End (Butt) Splice Kit

Butt splice

Bolt

90⁰ corner
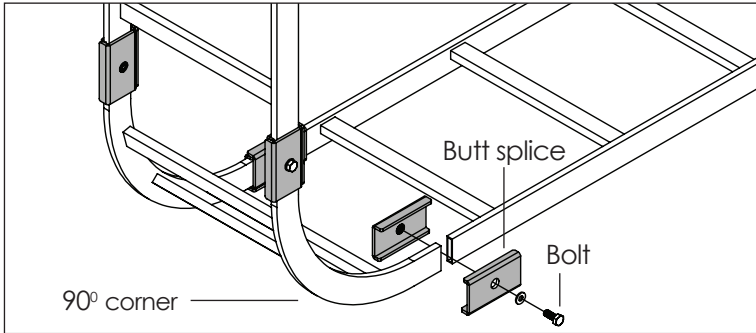
Part No.: ICCMSLRBSK
- To join the ends of ladder rack runway together
- Includes 20 brackets, 10 bolts, and 10 washers

Swivel Butt Splice

Part No.: ICCMSLESSK
- To allow ends to adjust in various angles
- Includes 2 swivel butt slices

Cable Retaining Post Kit

Cable retainer

Mounting screw

Part No.: ICCMSLRCRP
- To prevent cable from falling off ladder rack runway
- Includes ten (10) 7'' posts and 10 mounting screws

Tee-Junction Splice Kit

Screw
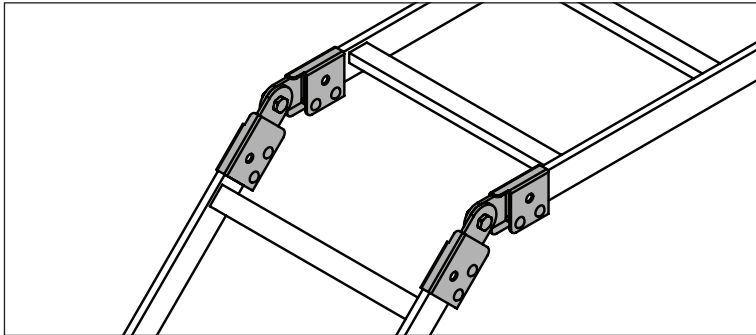
Tee-Junction splice

Part No.: ICCMSLTJS6
- To fasten ladder rack runway in a tee intersection
- Includes 6 brackets with 12 screws

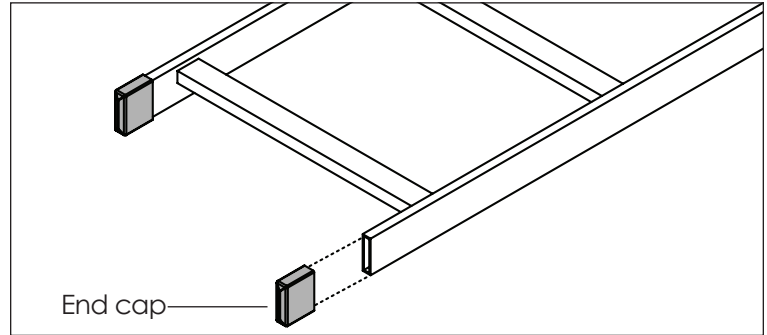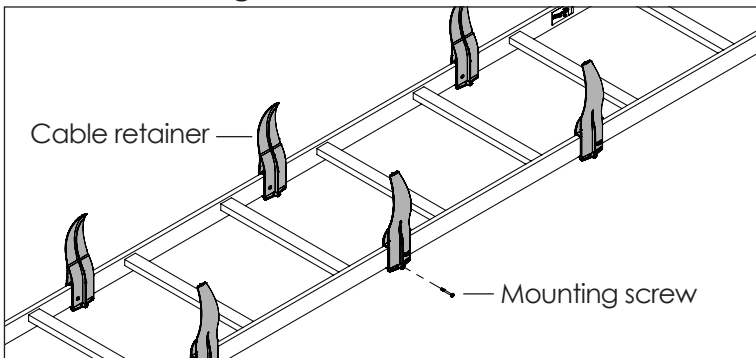## Protective End Caps

End cap

Part No.: ICCMSLPECK
- To cover the ends of ladder rack runway
- Includes 2 end caps

Ladder Rack Weight Chart 50% Capacity			Cable Runway Fills		
Distance Between Span	**Weight Capacity**	**Width**	**CAT 6A (50%**)**	**CAT 6 (50%**)**	**CAT 5e (50%**)**
10' straight section Part # ICCMSLST10	300 lb.*	12"	500	720	1100
5' straight section Part # ICCMSLST05	500 lb.*	12"	500	720	1100

*When properly secured on both ends of ladder rack runway straight sections
**Cable fills are based on .34 inch outside diameter (OD) CAT 6A, .24 inch O.D. CAT 6, and .21 inch O.D. CAT 5e ICC cable

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