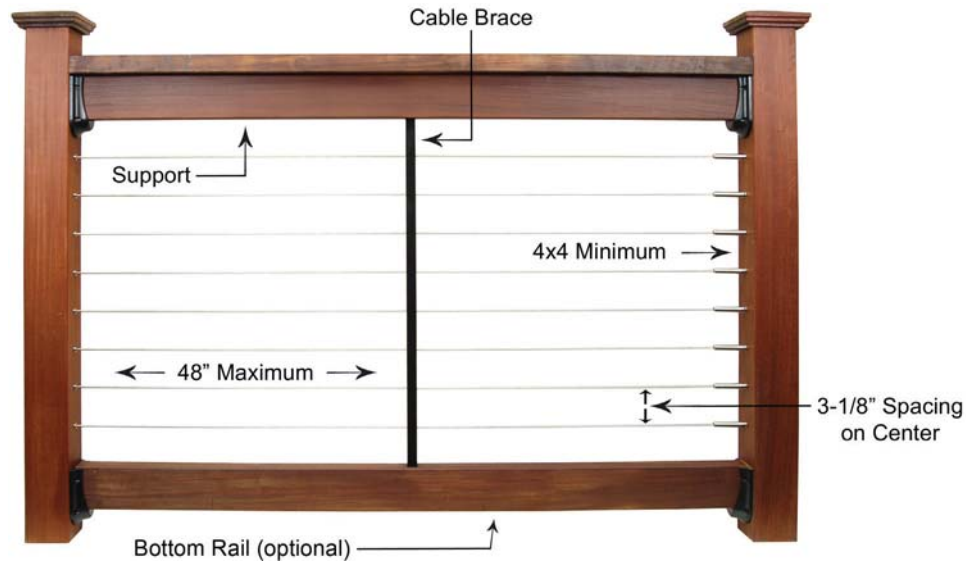


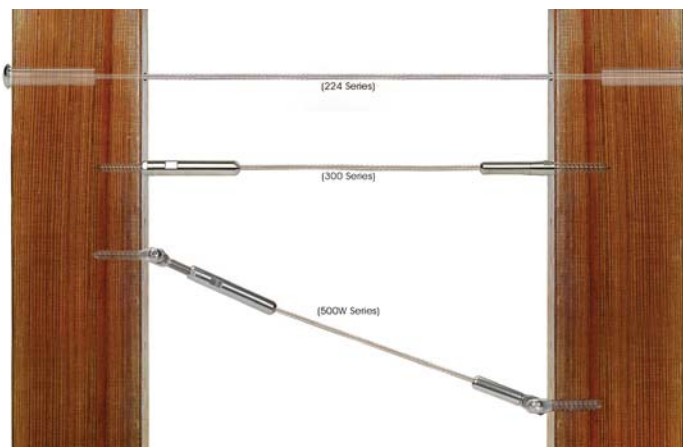
Cable Railing Overview

Framework for Cable Railing



Guidelines for proper installation of the ADI™ cable railing system by Ultra-tec.

- Use minimum 4x4 wood posts.
- Top rail is **required** to support posts. (Bottom rail is optional)
- Cables to be spaced at 3-1/8" on center.
- Cable must be supported every 48" to keep the cable from deflecting over 4"
- Cables are to be tensioned to 225 lbs of tension.
- 36" Rail height typically uses 10 runs of cable, 42" rail height typically uses 12 runs of cable.
- Lag style cable fittings are recommended for cable being used with sleeved posts.
- If two posts are used on a corner of the deck, the cable can run through the corner by making a 45 degree turn through the posts.
 - Single tensioner (most common) cable kits allow cable to pass through one corner.



For level runs:

224 Series (outside to outside)
2-3/8" Invisiware® Receiver
to Pull-Lock®.

300 Series (inside to inside)
Adjust-a-Body® with Hanger Bolt to
Push-Lock Lag.

For stairs, pitched runs:

500-W Series (inside to inside)
Push-Lock® with Threaded Eye and
Lag Eye to Adjust-a-Body® with
Threaded Eye and Lag Eye.

Reference Pages 282 - 289 for more Cable Railing Information

Cable Railing Kits for Wood - Level



Outside of Post to Outside of Post Rail Kit - Wood Post

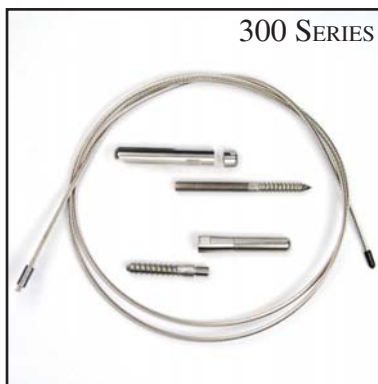
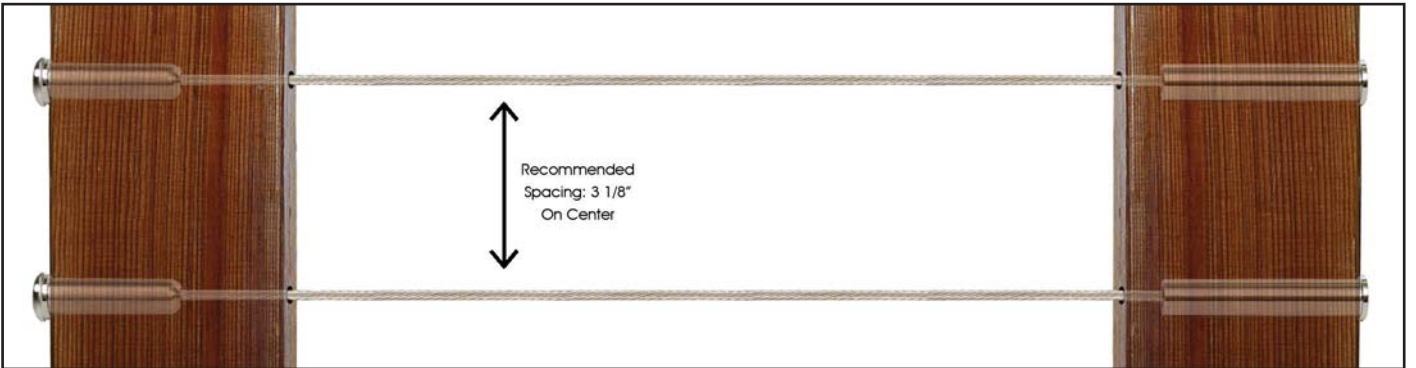
Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable w/swage, applicable washers, Invisiware[®] receiver, Pull-Lock[™] end fitting and end cap. Minimum of 3" clearance between end post and structure is required.

- Item #: 22405 - 5' Cable Kit
- Item #: 22410 - 10' Cable Kit
- Item #: 22415 - 15' Cable Kit
- Item #: 22420 - 20' Cable Kit
- Item #: 22425 - 25' Cable Kit
- Item #: 22430 - 30' Cable Kit
- Item #: 22440 - 40' Cable Kit
- Item #: 22450 - 50' Cable Kit
- Cable Kits Over 50' - Contact Customer Service



- Item #: CSD316 - Step Drill Bit to make 29/64" hole for fitting and 3/16" hole for cable.

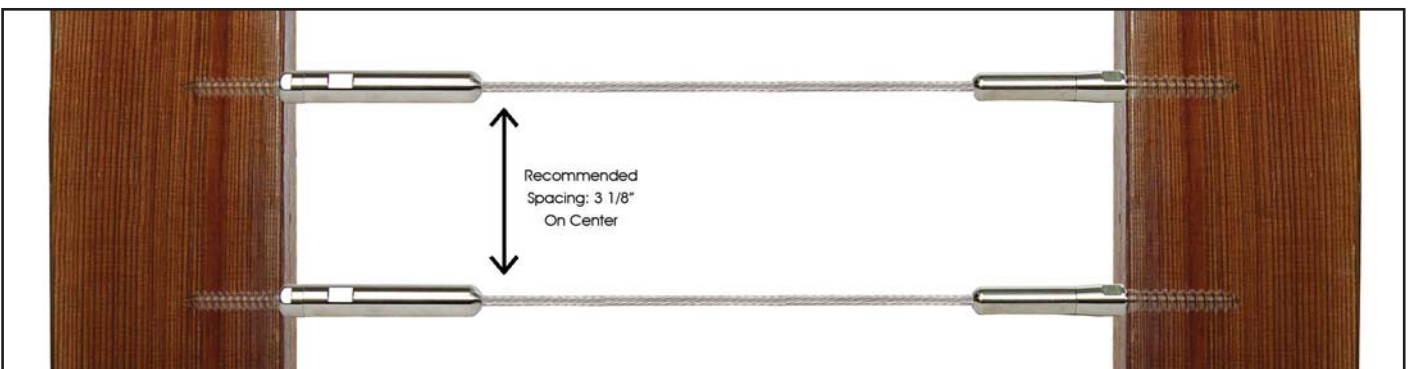


Inside of Post to Inside of Post Rail Kit for Wood Post

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable w/ swage, Adjust-a-body[®] w/hanger bolt, Push-Lock[™] lag.

- Item #: 30005 - 5' Cable Kit
- Item #: 30010 - 10' Cable Kit
- Item #: 30015 - 15' Cable Kit
- Item #: 30020 - 20' Cable Kit
- Item #: 30025 - 25' Cable Kit
- Item #: 30030 - 30' Cable Kit
- Item #: 30040 - 40' Cable Kit
- Item #: 30050 - 50' Cable Kit
- Cable Kits Over 50' - Contact Customer Service



Cable Railing Kits for Stairs / Angles

500-W SERIES

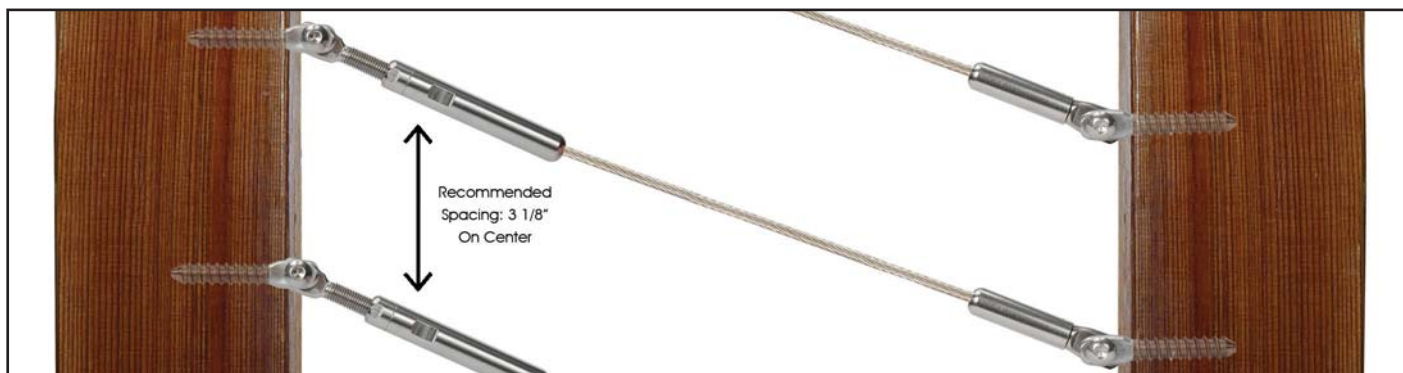


Inside of Post to Inside of Post Stair Kit for Wood Post

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable w/ swage, Adjust-a-body[®] w/ threaded eye, and Push-Lock[™] w/threaded eye. 1-1/2" lag eyes included.

- Item #: 50005W - 5' Stair Cable Kit
- Item #: 50010W - 10' Stair Cable Kit
- Item #: 50015W - 15' Stair Cable Kit
- Item #: 50020W - 20' Stair Cable Kit
- Item #: 50025W - 25' Stair Cable Kit
- Item #: 50030W - 30' Stair Cable Kit
- Item #: 50040W - 40' Stair Cable Kit
- Item #: 50050W - 50' Stair Cable Kit
- Cable Kits Over 50' - Contact Customer Service



500-C SERIES

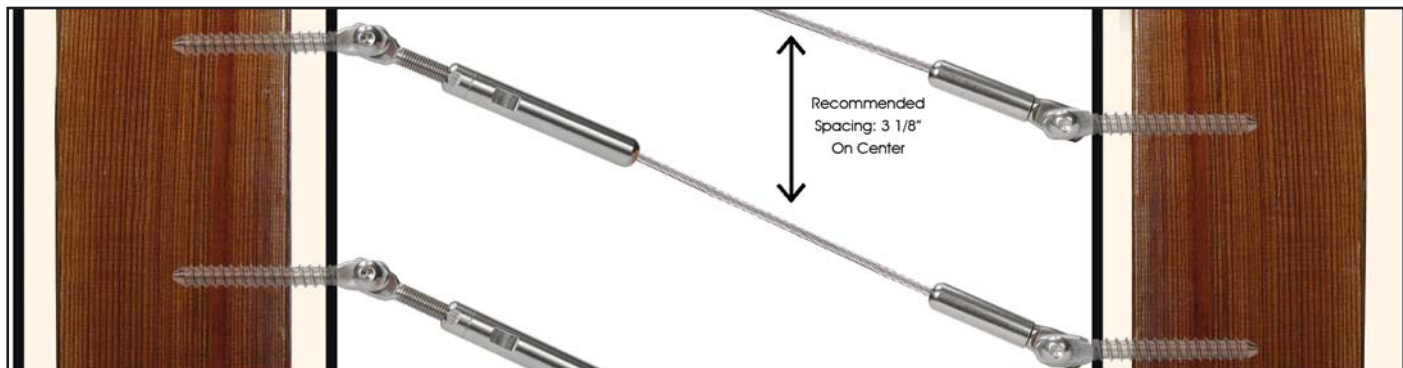


Inside of Post to Inside of Post Stair Kit for Composite Sleeves

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable w/ swage, Adjust-a-body[®] w/ threaded eye, and Push-Lock[™] w/threaded eye. 3" lag eyes included.

- Item #: 50005C - 5' Stair Cable Kit
- Item #: 50010C - 10' Stair Cable Kit
- Item #: 50015C - 15' Stair Cable Kit
- Item #: 50020C - 20' Stair Cable Kit
- Item #: 50025C - 25' Stair Cable Kit
- Item #: 50030C - 30' Stair Cable Kit
- Item #: 50040C - 40' Stair Cable Kit
- Item #: 50050C - 50' Stair Cable Kit
- Cable Kits Over 50' - Contact Customer Service

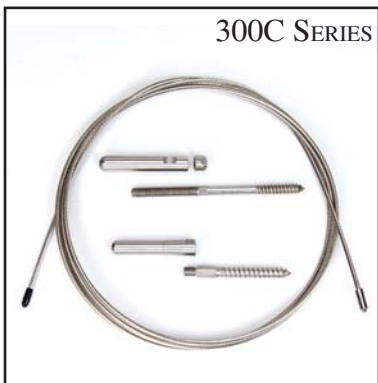


Cable Railing for Composite Sleeved Railing Systems



Composite Sleeved Rail w/ Cable

Cable Railing Kits for Composite Sleeves - Level



300C SERIES

Inside of Post to Inside of Post Rail Kit - Composite Sleeved Post

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable w/swage, adjust-a-body[®] with long hanger bolt tensioner, and push-lock[™] lag long. This kit is specifically designed for composite sleeved posts.

- Item #: 30005C - 5' Cable Kit
 - Item #: 30010C - 10' Cable Kit
 - Item #: 30015C - 15' Cable Kit
 - Item #: 30020C - 20' Cable Kit
 - Item #: 30025C - 25' Cable Kit
 - Item #: 30030C - 30' Cable Kit
 - Item #: 30040C - 40' Cable Kit
 - Item #: 30050C - 50' Cable Kit
- Cable Kits Over 50' - Contact Customer Service



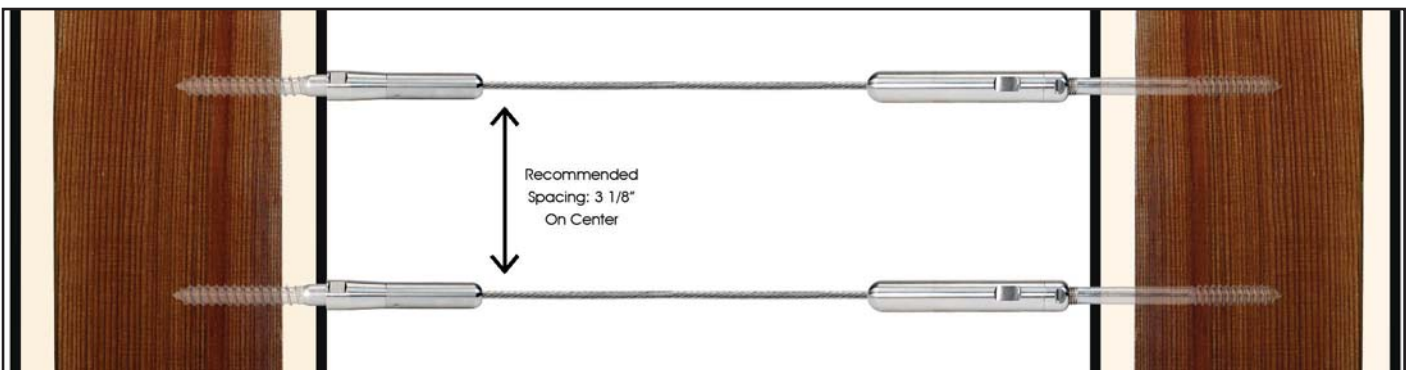
ADJUST-A-BODY[®] WITH LONG HANGER BOLT TENSIONER



Made in USA



PUSH-LOCK[™] LAG LONG



Recommended Spacing: 3 1/8" On Center

Cable Brace



Available in:

Black

Anodized

Cable Brace for Level and Stair

Sold in any quantity.

3/4" Aluminum cable brace is available pre-drilled with 12 holes at 3-1/8" spacing on center for level and stair runs. Available undrilled for unique installations. Trimmable to fit any rail height. Cable braces are used between newel posts that are greater than 48" apart to keep cables from deflecting over 4". Connectors and stainless steel screws included.

Pre-Drilled 42" Level

Item # CB42BLAL13/P - Black
Item # CB42ANAL13/P - Anodized



Pre-Drilled 50" Stair

Item # CB50BL12/P - Black
Item # CB50AN12/P - Anodized

UnDrilled 42" Level or Stair

Item # CB42BLAL/P - Black
Item # CB42ANAL/P - Anodized



Pictures do not reflect full length of cable brace



300 Series Cable Railing in Wood Rail with Cable Braces

Cable Railing Tools and Accessories

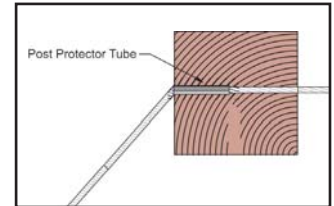


Post Protector Tubes

Sold in any quantity

Stainless Steel protector tubes are inserted into wood post where cable enters/exits at an angle to prevent cable from biting into the wood. Measures 1-1/2" long with a 1/4" diameter and 3/8" beveled end.

Item #: CSTUBE6 - Individual



Cable Cutters

Sold in any quantity.

Cable cutter designed for clean, burr free cutting of 1/8" stainless steel cable. Required for use with Push-lockTM and Pull-lockTM fittings.

Item #: C7HIT

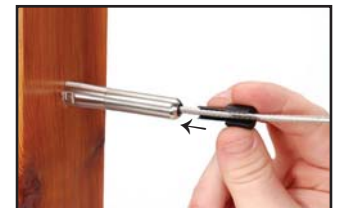


Push Lock Release Key

Sold in any quantity.

Release key allows the release of an untensioned cable from Pull-LockTM and Push-LockTM fittings. Also used to release fittings to aid installation.

Item #: PLKEY - PL-Key Push Lock Release Tool



Cable Gripping Pliers

Sold in any quantity.

Used to securely grip cable to avoid winding during installation which eliminates the most common issue of cables losing tension.

Item #: PLIERS - Cable Gripping Pliers



Cable Railing Tools and Accessories



ADI™ Cable Railing Basic Install Kit

Sold as a Kit.

Installation tools for basic cable railing installations. Kit includes 29/64", 9/32", 1/4" and 5/32" diameter drill bits, 2 cut off wheels w/ arbor, push lock release tool, and 3/16" heavy duty hex wrench.

Item #: ADICRKIT



Hanger Bolt Driver

Sold in any quantity.

1/2 Drive hardened steel socket, makes driving hanger bolts fast and effortless. For use with cable rail installations.

Item #: HB6N/R - Hanger Bolt Driver



Hanger Bolt Driver - Heavy Duty

Sold in any quantity.

Innovative concentric design allows for fast installation or removal of hanger bolts. For the professional installer. Requires 1/2" socket drive.

Item #: HB6DRIVER/R - Heavy Duty Hanger Bolt Driver

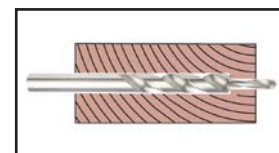


ADI™ Step Drill Bit

Sold in any quantity.

For wood posts to make 29/64" hole for 224 series cable fittings and 3/16" hole for the cable using a single drill bit.

Item #: CSD316



Cable Railing Tools and Accessories



EZ-Clean Metal Cleaner / Protectant

Sold in any quantity.

Cleaner / Protector dissolves minor corrosion and leaves a protective coating that lasts for months. Includes 8 oz. rust inhibitor and 4 oz. bottle of protectant.

Item #: EZCLEAN



Cable Tension Gauge

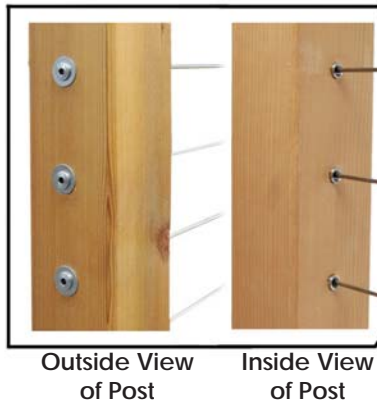
Sold in any quantity.

For checking tension of your cables.

Item # PTCR - Tension Gauge

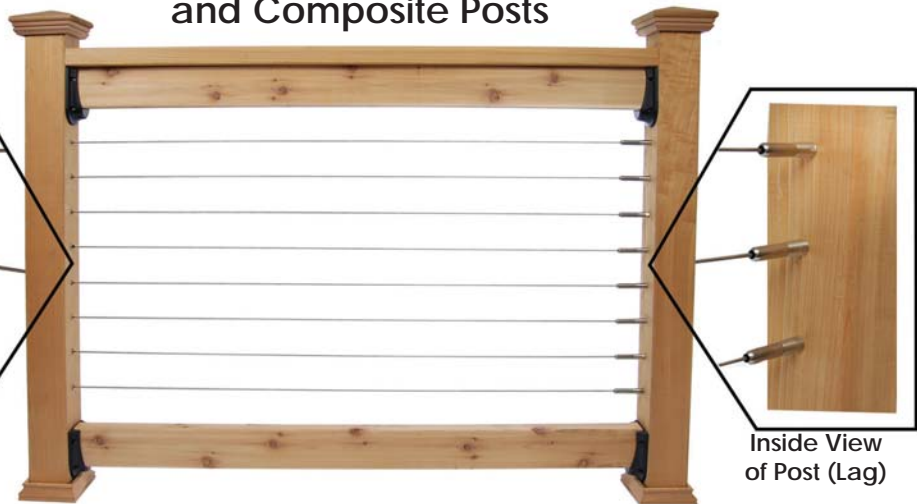


Cable Railing Sample for Wood and Composite Posts



Outside View of Post

Inside View of Post



Inside View of Post (Lag)



Inside of Post for Composite



Inside of Post Stair for Composite