

CABLE·RAIL®

Make your railing view friendly with the original stainless steel cable infill for wood, metal, and composite-sleeved wood railing.

feeney®



Feeney[®] makes it easy

The CableRail cable infill system is slender, stylish, and easy to use. It's an ideal complement to any railing design, indoors or out.



View-friendly railing is easy!

STEP

1

Find your solution

PGS. 8&9

Find CableRail solutions to fit most any railing material and design.

STEP

2

Review stair options

PG. 10

Review the variety of options for using cable on stairs.

STEP

3

Select accessories and tools

PG. 11

Find all the items you'll need to create the perfect railing solution.

STEP

4

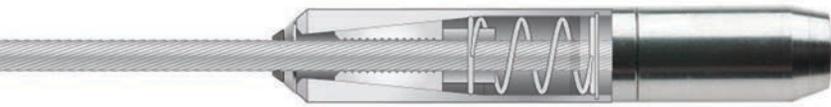
Easy installaton

PG. 12

Simple step-by-step instructions make CableRail installation a breeze.

Easy to install

Our unique stainless steel fittings with special Quick-Connect® technology attach to the cable in the field without tools. One-way jaws automatically grab and lock-on after the cable is inserted, making assembly and installation fast and easy.



Celebrate your view

CableRail lets you celebrate the view with slender cables and hidden fittings that virtually disappear.

The railing shown is the Feeney DesignRail® aluminum railing system. For more information visit www.feeneyinc.com

Looking great for the long haul

Weather-tough 316-grade stainless steel cable and fittings are ultra-low maintenance and precision manufactured — a perfect design accent for wood, metal or composite-sleeved wood frames.



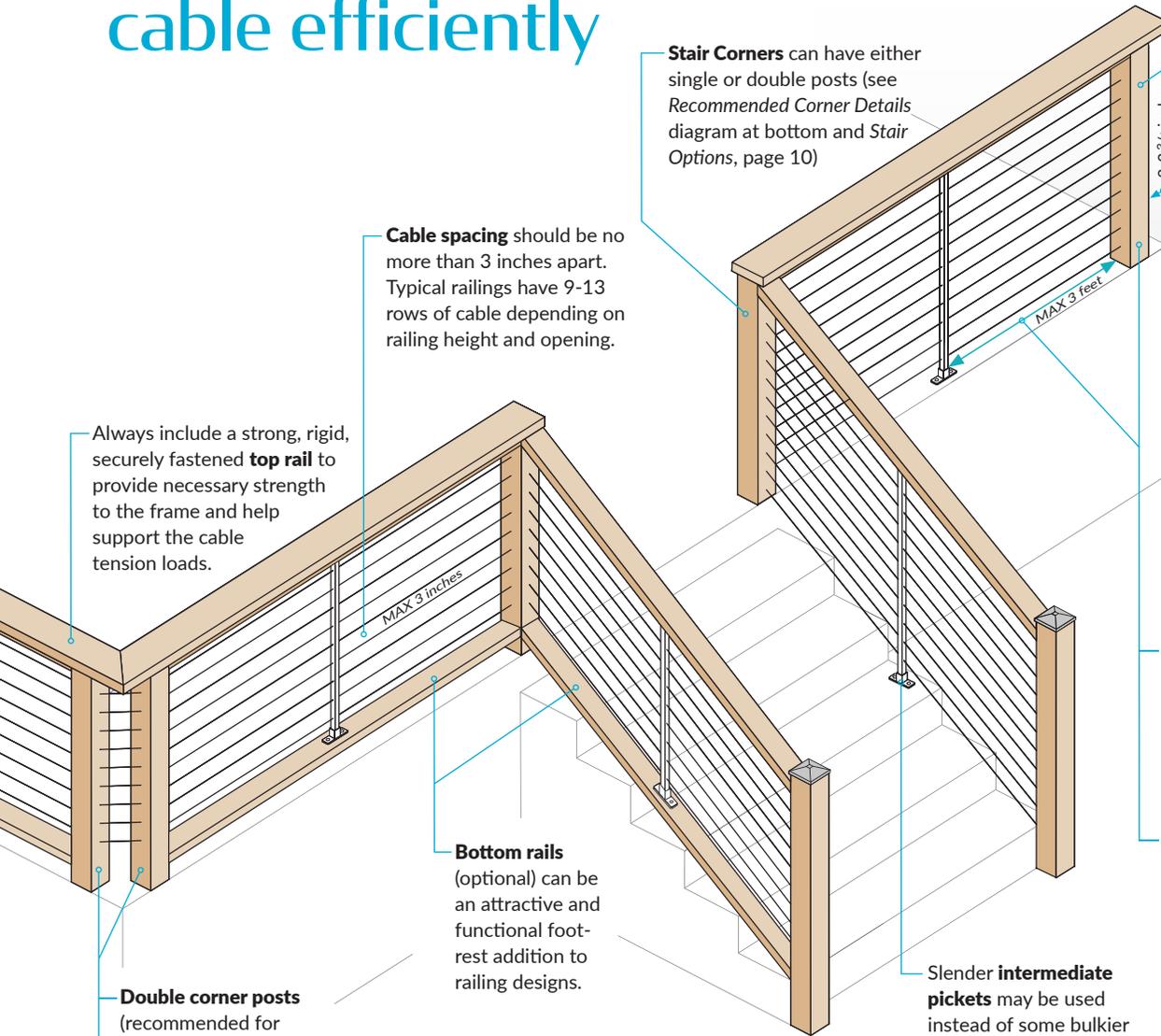
Minimizing
environmental
impacts



We make products that last, using mostly recycled materials. We also generate solar power at our California headquarters to offset over 95% of the facility's electrical usage. That's part of Feeney's on-going commitment to minimize environmental impacts.

To discuss how our products can help you earn LEED® credits for your upcoming projects, please give us a call at 1-800-888-2418.

Here are some tips for designing a strong railing frame that uses cable efficiently



SELECT YOUR POST MATERIAL

CableRail infill works on railing frames with wood, metal, or composite-sleeved wood posts in either indoor or outdoor settings.

-  WOOD
-  METAL
-  COMPOSITE-SLEEVED WOOD

If possible, set end posts **3 to 3³/₄ inches away from walls** to allow easy access for attaching and tensioning cable fittings.

Stair Corners can have either single or double posts (see *Recommended Corner Details* diagram at bottom and *Stair Options*, page 10)

Cable spacing should be no more than 3 inches apart. Typical railings have 9-13 rows of cable depending on railing height and opening.

Always include a strong, rigid, securely fastened **top rail** to provide necessary strength to the frame and help support the cable tension loads.

End and corner posts carry most of the cable tension load (typically 200-300 lbs on each cable), so always use posts that meet or exceed the minimum recommended sizes. See website for details.

Space posts and pickets no more than 3 feet apart to minimize cable deflection.

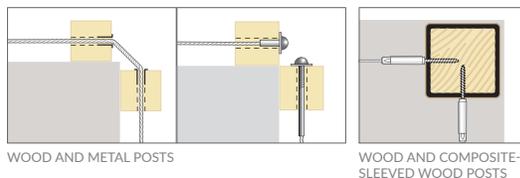
Bottom rails (optional) can be an attractive and functional foot-rest addition to railing designs.

Slender **intermediate pickets** may be used instead of some bulkier intermediate posts to achieve a more open railing design while maintaining proper cable spacing (see *Accessories*, page 11).

Double corner posts (recommended for wood and metal posts only) allow cables to either run continuously through a corner, requiring fewer fittings, or to easily terminate.

Single corner posts (recommended for composite-sleeved wood posts) are also an option and typically require the cables to terminate at the corner.

Recommended Corner Details



(see website for additional options)



Frame requirements vary depending on the type of frame materials used. Be sure to visit feeneyinc.com/cablerail for complete details or call us at 1-800-888-2418.

Find your solution

SOLUTION A

CableRail Kits

CableRail Kits are the most popular and cost effective solution for wood and metal railing frames and include everything needed to attach and tension a cable. They're designed for frames where there is access to drill through both end posts allowing the fittings to anchor to the outer faces of the posts. Each kit includes the following:



Quick-Connect®
Inset Fitting

Pair of flat washers
(Stainless for
wood posts and
nylon for metal)

Snug-Grip®
Washer Nut

Selected length of 1/8-in
diameter stainless steel
cable with Threaded
Terminal pre-attached
to one end

All fittings and cables are manufactured from high-quality 316-grade stainless steel for weather-tough durability, ultra-low maintenance, and lasting beauty.

Note: Kits are not recommended for composite-sleeved wood posts.

CABLERAIL KITS

LENGTH	FOR WOOD POSTS (6300 SERIES)	FOR METAL POSTS (6200 SERIES)
5-ft	#6305-PKG	#6205-PKG
10-ft	#6310-PKG	#6210-PKG
15-ft	#6315-PKG	#6215-PKG
20-ft	#6320-PKG	#6220-PKG
25-ft	#6325-PKG	#6225-PKG
30-ft	#6330-PKG	#6230-PKG
40-ft	#6340-PKG	#6240-PKG
50-ft	#6350-PKG	#6250-PKG

Additional lengths available as special order.

● **Kits for Wood Posts** (6300 series)
have 7½-in Threaded Terminal

● **Kits for Metal Posts** (6200 series)
have 4¼-in Threaded Terminal

Or, if you have oversized or irregular wood or metal posts that require a specific thread length, our **All-Thread Receiver Kits** have a special receiver that accepts any length of all-thread rod you need (ATR Kits are special order).

New! And if you are interested in a very low-profile cable option, check out our new **CableRail Conceal Kits** with slender end caps and special compact cable fittings that hide entirely inside your end posts. See website for details (Conceal Kits are special order only).

QUICK-CONNECT® INSET FITTING

Features Quick-Connect® one-way locking jaws that allow the cable to easily slide through the fitting in one direction but automatically grab and lock-on after the cable is released. Just slip it on, pull the cable tight, cut off the excess, and finish with a decorative End Cap (sold separately).



Angled attachments for stairs can be made by adding **Beveled Washers** to Inset Fitting and Threaded Terminal (see *Accessories*, page 11) and *Stair Options*, page 10.

Stainless or colored **End Caps** are available to cover, protect, and finish both ends (see *Accessories*, page 11)

THREADED TERMINAL

Comes fastened to one end of the cable and attaches to an end post using a special Snug-Grip® Washer Nut. Simply spin the nut to adjust the final tension in the cable line and finish with a decorative End Cap (sold separately).

As an option for stairs, see **CableRail Stair Kits**, page 10

SOLUTION B

Build Your Own

You can also create assemblies to fit your needs using cable and special CableRail Quick-Connect® fittings. This is a great option if your railing condition requires attaching one or both cable ends to a wall or inside face of a post or if using composite-sleeved wood posts. Each assembly must have at least one Tension Adjustment Fitting.

SELECT FITTINGS TO MATCH YOUR POST MATERIAL

 Wood
  Metal
  Composite-Sleeved Wood

QUICK-CONNECT® LAG (#9905DL-PKG)

 Fixed end fitting that screws into the face of a post or wall using the included hanger bolt with lag thread. Includes 2-in bolt for wood posts and 2-½-in bolt for wrapped or composite-sleeved wood posts.



QUICK-CONNECT® LAG TENSIONER (#9910DL-PKG)

 Lag fitting with a special swiveling body that allows ¾-in of take up for cable tensioning. Includes same hanger bolts as Lag.



TENSION ADJUSTMENT

QUICK-CONNECT® PIVOT (#9915DL-PKG)

 Fixed end fitting that screws into the face of a post or wall using the included hanger bolt with lag thread. 180° pivot range allows for angled stair terminations. Includes 2-in bolt for wood posts and 2-½-in bolt for wrapped or composite-sleeved wood posts.



QUICK-CONNECT® PIVOT TENSIONER (#9916DL-PKG)

 Pivot fitting with a special swiveling body that allows ¾-in of take up for cable tensioning. Includes same hanger bolts as Pivot.



TENSION ADJUSTMENT

QUICK-CONNECT® SURFACE MOUNT (#9903W-PKG)

 Fixed end fitting that attaches to the face of a post or wall with the included screws or bolts. 130° pivot range allows for angled stair terminations. Includes 2-in lag screws for wood posts (½-in bolts for metal posts sold separately).



QUICK-CONNECT® SURFACE MOUNT TENSIONER (#9913W-PKG)

 Surface Mount fitting with a special swiveling body that allows ¾-in of take up for cable tensioning. Includes same hanger bolts as Surface Mount.



TENSION ADJUSTMENT

QUICK-CONNECT® THREADED TERMINAL (#9904-PKG)

 Inserts through a hole drilled in an end post (wood or metal only). The included flat washer and Snug-Grip® Washer Nut secure the fitting and allow cable tension adjustment. Trim the excess threads and finish with decorative End Caps. Use Beveled Washers for angled stair terminations (End Caps and Beveled Washers sold separately, see *Accessories*, page 11).



TENSION ADJUSTMENT



Bulk CableRail 1/8-in diameter, grade-316 stainless steel cable is available in various lengths for use with CableRail fittings.

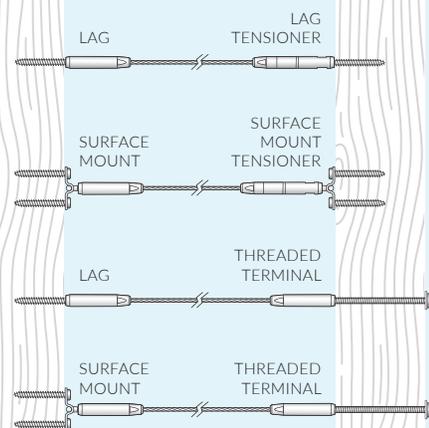
BULK CABLE OPTIONS

LENGTH	PART #
100-ft	#5100
250-ft	#5250
500-ft	#5500



For a complete list of additional fittings, visit www.feeneyinc.com/cablerail

LEVEL APPLICATIONS



SEE NEXT PAGE FOR STAIR OPTIONS

2 Review stair options

Depending on your railing frame conditions and desired aesthetics, there are a variety of available options for using and attaching CableRail cables on stairs.



Using Quick-Connect® fittings

Recommended when one or both cable ends must attach to a wall or inside face of a post. Be sure to include at least one tension adjustment fitting (Tensioner or Threaded Terminal) in each cable assembly; the adjustment fittings can be positioned at either the top or bottom stair post. Threaded Terminal fittings will always require an angled drill hole through the post and a Beveled Washer (#3799-PKG).

Using CableRail Kits

Recommended when there is access to drill through both end posts. When using CableRail Kits on stairs, the Threaded Terminal is typically positioned on the bottom stair post and is attached by drilling an angled hole and using a Beveled Washer (#3799-PKG). Also see our **CableRail Stair Kit** below.



CABLERAIL STAIR KIT

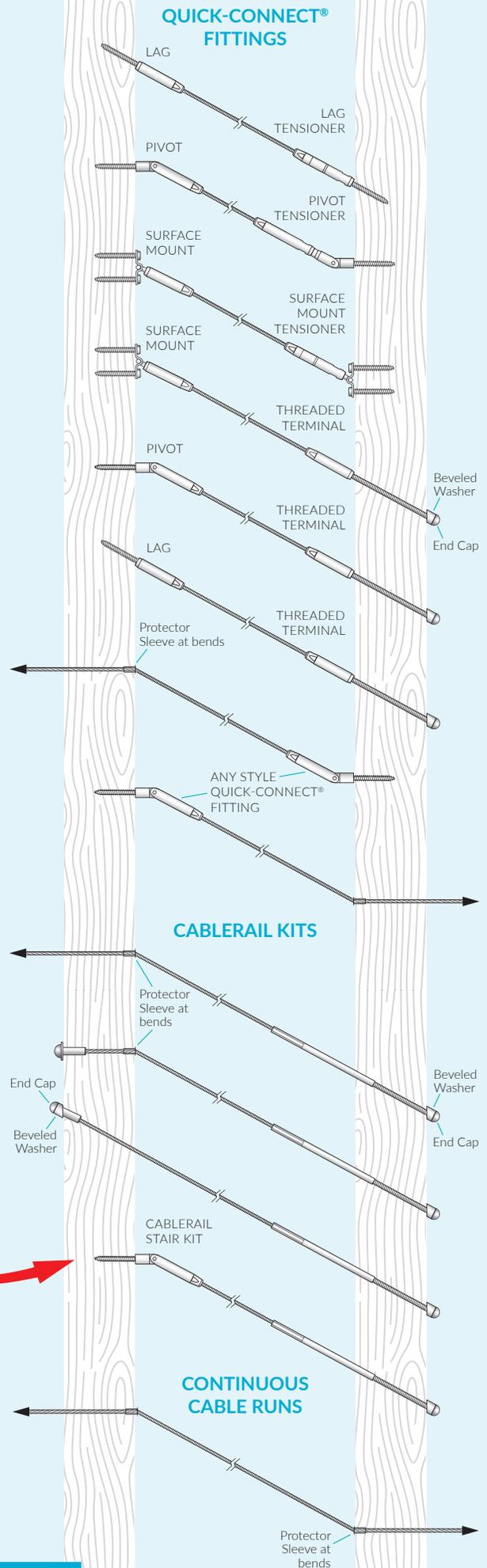
#6520-PKG (All Stainless Steel)

For wood posts only. Typically used where there is little or no access to the backside of the top stair post/wall.

Each kit includes 20-ft of 1/8-in cable with 7 1/2-in Threaded Terminal pre-attached to one end, Quick-Connect® Pivot Fitting with hanger bolts, Snug-Grip® Washer Nut, Beveled Washer, Flat Washer (End Caps, sold separately).

Continuous cable runs

Stair landings or tiered decks may allow for cables to run continuously through the stairs without terminating.

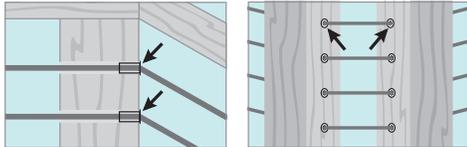


Select accessories & tools

PROTECTOR SLEEVES (stainless steel)

For protecting corner and stair transition posts from cable abrasion. Fits 1/4-in diameter drill hole. For wood and composite-sleeved wood posts only.

10 pack (#3210-PKG)



STAIR TRANSITIONS

DOUBLE POST CORNER



END CAPS

Decorative option for covering, protecting, and finishing the Quick-Connect® Inset Fittings and Snug-Grip® Washer Nuts.

STAINLESS STEEL

Dome style, 4 pack (#3372-PKG)

Crown style, 4 pack (#3373-PKG)

Chamfer style, 4 pack (#3374-PKG)



COLORED POLYETHYLENE

Black, 10 pack (#7071-PKG)

White, 10 pack (#7072-PKG)

Brown, 10 pack (#7073-PKG)

Gray, 10 pack (#7074-PKG)

Bronze, 10 pack (#7077-PKG)



QUICK-CONNECT® RELEASE TOOL

For releasing the Quick-Connect® jaws to remove or adjust fitting position.

1/8-in diameter cable
(#3128-PKG)



CABLE LACING NEEDLE

For quickly lacing cable ends through posts without snagging.

1/8-in diameter cable (#3221-PKG)



HANGER BOLT INSTALLATION TOOL

For easy installation of hanger bolts used for Quick-Connect® Lag- and Pivot-style fittings.

(#3988-PKG)



CABLE CUTTERS

For shearing stainless steel cables.

(#2972-PKG)



STAINLESS STEEL CLEANER & PROTECTANT KIT

For cleaning and protecting all CableRail stainless steel cables, fittings, and accessories.

Combo pack includes 100 ml. bottle of both SteelRenewal™ and SteelProtect™, sponge, brush, gloves. (#5064-PKG)



CABLE TENSION GAUGE

Easy to use tool for checking cable tension.

1/8-in, 3/16-in, and 1/4-in diameter cable (#6004-PKG)



CABLE TENSIONING TOOL

For quick and easy tensioning of CableRail cables when using Quick-Connect® Inset Fittings.

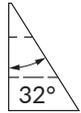
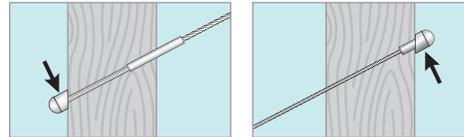
1/8-in diameter cable (#6005-PKG)

BEVELED WASHERS (stainless steel)

For providing a flat bearing surface when attaching fittings at angled stair terminations. 32° angle to fit most stair angles (26° and 37° angles available as special order).

4 pack (#3792-PKG) fits Quick-Connect® Inset Fitting

4 pack (#3799-PKG) fits Threaded Terminals



INTERMEDIATE PICKETS (powder coated aluminum)

Slender, low-maintenance, and time-saving picket option for wood frames up to 42-in high. Pre-drilled at 3-in spacing for 1/8-in cables. Slotted holes on stair pickets will accommodate stair slope between 20° and 45°. Includes base plates and attachment screws. Size 3/4-in sq x 44-in long for level railings and 46-in long for stair railings. Trim to fit.

LEVEL RAILING PICKET

Silver, 1 pack (#7648 SLV-PKG)

Black, 1 pack (#7648 BLK-PKG)

White, 1 pack (#7648 WHT-PKG)

STAIR RAILING PICKET

Silver, 1 pack (#7649 SLV-PKG)

Black, 1 pack (#7649 BLK-PKG)

White, 1 pack (#7649 WHT-PKG)

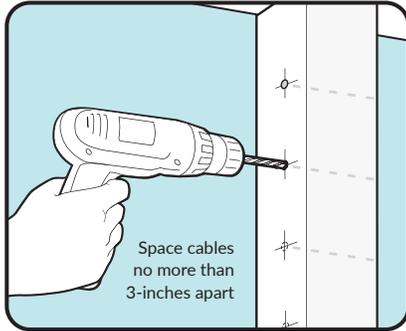


4 Easy installation

CableRail is easy to install. Just follow these simple steps.



Before beginning installation, be sure to carefully read all frame preparation guidelines, detailed product installation instructions, and tool checklists at feeneyinc.com/cablerail



1 MEASURE AND DRILL

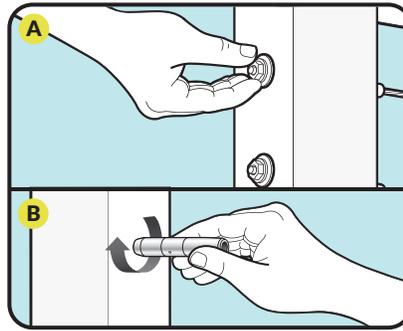
Measure, mark, and drill holes for the end posts and all intermediate posts.

A. FOR CABLERAIL KITS

Threaded Terminal post: 5/16-in drill
Intermediate posts: 1/4-in drill
Inset Fitting post: 1/4-in drill + 3/8-in counterbore to recess fitting.

B. FOR BUILD YOUR OWN

Fittings posts: 7/64-in drill (pilot holes)
Threaded Term. & Intermediate posts same as CableRail kits above.



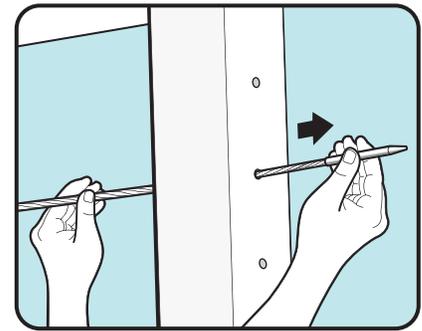
2 ATTACH TO ONE END POST

A. FOR CABLERAIL KITS

Secure the Threaded Terminal to one end post with a flat washer and Snug-Grip® Washer Nut.

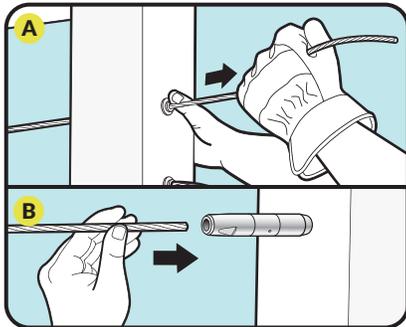
B. FOR BUILD YOUR OWN

Attach Quick-Connect® fitting to one end post with the screws/hanger bolt and then insert cable. The Quick-Connect® jaws will lock the cable in place.



3 LACE CABLE

Lace the free end of cable through all intermediate posts. For even easier installs, try a Lacing Needle (#3221-PKG).



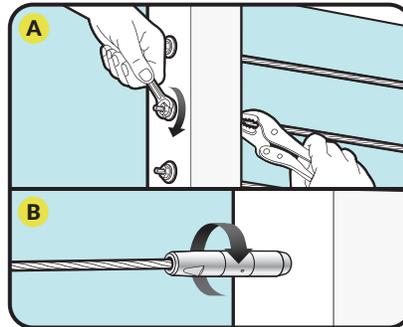
4 ATTACH TO THE OTHER END

A. FOR CABLERAIL KITS

Slide the cable through the opposite end post and slip on a washer and Quick-Connect® Inset Fitting. Pull the cable to remove slack. For even easier installs, try Cable Tensioning Tool (#6005-PKG)

B. FOR BUILD YOUR OWN

Attach a Quick-Connect® Tensioner Fitting to the end post with the screws/hanger bolt or with the Snug-Grip® Washer Nut if using a Threaded Terminal. Trim the cable to length, then insert the cable end into the fitting.



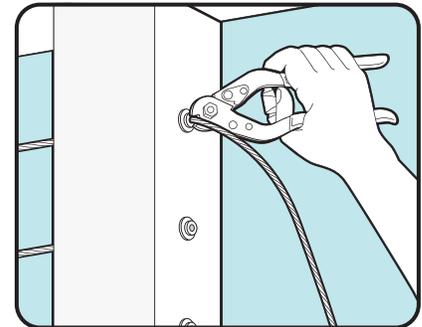
5 TIGHTEN CABLE

A. FOR CABLERAIL KITS

Tighten the Snug-Grip® Washer Nut to adjust final cable tension.

B. FOR BUILD YOUR OWN

Spin the Quick-Connect® Tensioner Fitting body to adjust final cable tension. (If using a Quick-Connect® Threaded Terminal, spin the Snug-Grip® Washer Nut to tension).



6 TRIM & FINISH

A. FOR CABLERAIL KITS

Trim the excess cable at the Quick-Connect® Inset Fitting and excess threads at the Snug-Grip® Washer Nut. Finish with decorative End Caps (accessory item).

B. FOR BUILD YOUR OWN

When using a Quick-Connect® Threaded Terminal, trim the excess threads and finish with decorative End Caps (accessory item).

AVAILABLE AT:



www.feeneyinc.com

1-800-888-2418

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