CableRail®

Make your railing view friendly with the original stainless steel cable infill for wood, metal, and composite-sleeved wood railing.
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
Find CableRail solutions to fit most any railing material and design.
PGS. 8-10

**STEP 2** Review stair options
Review the variety of options for using cable on stairs.
PG. 11

**STEP 3** Select accessories and tools
Find all the items you’ll need to create the perfect railing solution.
PG. 12-13

**STEP 4** Easy installation
Simple step-by-step instructions make CableRail installation a breeze.
PG. 14
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 3 3/4 inches away from walls to allow easy access for attaching and tensioning cable fittings.

**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.**
STEP 1  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.

Note: Kits are not recommended for composite sleeved wood posts

Kits for wood or metal posts

Our original CableRail system is an easy to install option for almost every project. It’s packaged and ready to go in preset lengths and can be trimmed as needed in the field. Each kit includes the following:

- Selected length of ¼-in diameter cable with Threaded Terminal pre-attached to one end
- Quick-Connect® Inset Fitting
- Pair of flat washers (Stainless for wood posts and nylon for metal)
- Snug-Grip® Washer Nut

Kits for Wood Posts (6300 series) have 7½-in Threaded Terminal
Kits for Metal Posts (6200 series) have 4¹/₄-in Threaded Terminal

Conceal Kits for wood or metal posts

A low-profile CableRail option with slender end caps and special compact cable fittings that hide inside the end posts for a completely symmetrical look. Each kit includes the following:

- ¼-in diameter cable with Conceal Terminal pre-attached to one end
- Conceal Quick-Connect® Fitting
- Conceal Receiver

Kits for oversized wood or metal posts

If you have oversized or irregular wood or metal posts that require a specific thread length, our All-Thread Receiver (ATR) Kits have a special receiver that accepts the length of all-thread rod you request (ATR Kits are special order). Each kit includes the following:

- Precut length of cable with an ATR Receiver attached to one end
- Quick-Connect® Inset Fitting
- Pair of flat washers (Stainless for wood posts and nylon for metal)
- ¼-20RH Washer Nut

¼-20RH All-Thread (sold separately)
All kits can be used for level or stair applications. Check out our CableRail Stair Kit and other stair options on page 12.

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<th>LENGTH</th>
<th>6300 SERIES FOR WOOD POSTS</th>
<th>6200 SERIES FOR METAL POSTS</th>
<th>CONCEAL KITS FOR A LOW PROFILE</th>
<th>ATR KITS FOR OVERSIZED POSTS</th>
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<tr>
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<td>#6250-PKG</td>
<td>#150</td>
<td>#2050-ATR</td>
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</table>

**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).

**CONCEAL QUICK-CONNECT® FITTING**
Based on the same easy to install technology as our original Quick-Connect® Inset fitting but with a lower profile on the post surface and a snap in conceal cap that's available in stainless steel or colored end caps to match DesignRail® railings (see Accessories, page 13).

**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).

**CONCEAL RECEIVER**
Tension adjustment end that connects to the Conceal terminal. Use the Conceal Tool Kit to adjust the tension on the cables. Complete the look with a snap in Conceal cap.

**ALL-THREAD RECEIVER**
This versatile receiver end allows you to connect to the required length of all-thread and then installs in the same way as the threaded terminal end of our original Kits for wood and metal.

Kits are also available in ¼, and ⅛-in diameter cable, as well as longer lengths. For more information, contact your local dealer or see our website at www.feeneyinc.com
**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 2-⅜-in bolt for wrapped or composite-sleeved wood posts.

**QUICK-CONNECT® LAG TENSIONER (#9910DL-PKG)**
- Lag fitting with a special swiveling body that allows ⅜-in of take up for cable tensioning. Includes same hanger bolts as Lag.

**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 2-⅜-in bolt for wrapped or composite-sleeved wood posts.

**QUICK-CONNECT® PIVOT TENSIONER (#9916DL-PKG)**
- Pivot fitting with a special swiveling body that allows ⅜-in of take up for cable tensioning. Includes same hanger bolts as Pivot.

**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 (⅝-in bolts for metal posts sold separately).

**QUICK-CONNECT® SURFACE MOUNT TENSIONER (#9913W-PKG)**
- Surface Mount fitting with a special swiveling body that allows ⅜-in of take up for cable tensioning. Includes same hanger bolts as Surface Mount.

**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 13).

**BULK CABLE OPTIONS**

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<td>#5250</td>
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<tr>
<td>500-ft</td>
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Bulk CableRail 1/8-in diameter, grade-316 stainless steel cable is available in various lengths for use with CableRail fittings.

**LEVEL APPLICATIONS**

**SEE NEXT PAGE FOR STAIR OPTIONS**

For a complete list of additional fittings, visit [www.feeneyinc.com/cablerail](http://www.feeneyinc.com/cablerail)
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 ¼-in cable with 7½-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.
Solutions for every project

With a broad range of kits and fittings, there’s a CableRail solution that fits any project no matter what post size or material.

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

- Dome style, 4 pack (#3372-PKG)
- Crown style, 4 pack (#3373-PKG)
- Chamfer style, 4 pack (#3374-PKG)

STAINLESS STEEL
Dome style, 4 pack (#3372-PKG)
Crown style, 4 pack (#3373-PKG)
Chamfer style, 4 pack (#3374-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

PROTECTOR SLEEVES (stainless steel)
For protecting corner and stair transition posts from cable abrasion. Fits ¼-in diameter drill hole. For wood and composite-sleeved wood posts only.

- 10 pack (#3210-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)

STEP 3 Select accessories & tools
More CableRail accessories & tools

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 ¾-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)

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 LACING NEEDLE
For quickly lacing cable ends through posts without snagging. 1/8-in diameter cable (#3221-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)

CABLE TENSION GAUGE
Easy to use tool for checking cable tension. 1/8-in, 1/16-in, and 1/4-in diameter cable (#6004-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)

QUICK-CONNECT® RELEASE TOOL
For releasing the Quick-Connect® jaws to remove or adjust fitting. 1/8-in diameter cable (#3128-PKG)

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CableRail Conceal Kit accessories & tools

CONCEAL END CAP
Available in DesignRail® Colors and Stainless Steel. (#CCP)

CONCEAL STAR DRIVER
Part of a toolset used to install and tension Conceal Cablerail Kits. (#CSDT)

CONCEAL CAP REMOVAL TOOL
For removing a conceal end cap. (#CCRT)

CONCEAL TOOL KIT
Includes a Conceal Star Driver, a 1/2 and 1/16-in Ratcheting Box Wrench, and a 5/32-in T-Handle HexWrench. (#CRC-Kit)

STAINLESS STEEL PICKETS
Slim, 5/8-in diameter 316 stainless tube picket 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 all attachment hardware. Size 40-in or 46-in long for level (36-in or 42-in railings) and 51-in long for stair railings. Trim to fit.

LEVEL RAILING PICKET
Stainless, 1 pack (#SSPK 36L-PKG)
Stainless, 1 pack (#SSPK 42L-PKG)

STAIR RAILING PICKET
Stainless, 1 pack (#SSPK STR-PKG)

Includes 3 stair top sockets to accommodate various stair slopes, 3 sleeves for bottom rail application at 26, 32 & 37 degrees. Stair bottom sleeves are also available in custom order for stair frames with a bottom rail.

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

QUICK-CONNECT® RELEASE TOOL
For releasing the Quick-Connect® jaws to remove or adjust fitting. 1/8-in diameter cable (#3128-PKG)
CableRail is easy to install. Just follow these simple steps. The Conceal and ATR Kits have a different installation process. Please visit our website for more detailed information.

**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: ⅛-in drill

Inset Fitting post: ⅛-in drill + ⅜-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

Reorder # 11701 Date 01/20

**ENTER OUR PHOTO CONTEST**

Send us your project photos for a chance to win cash prizes. Visit feeneyinc.com/photo-contest for details. Also, follow us on Instagram @feeneyinc