



The Original Cable Railing Infill

Feeney® Makes It Easy™

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





INSTALLER: MLW CONSTRUCTION
CABLERAIL LAG AND PIVOT FITTINGS IN COMPOSITE RAILING

COVER IMAGE:
INSTALLER: DECKS BY KIEFER
CABLERAIL KITS IN WOOD RAILING

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Things to Consider When Buying Cable Railing

Understand What You Are Buying

Not all cable railing is the same so make sure you are buying quality products. To assist you in understanding your choices, Feeney® gives you a list of items to look for when buying railing products.

Is It a Quality Product?

Since quality standards vary from each manufacturer, here are some key questions to ask in regards to quality. Each manufacturer should have this information readily available for any buyer. The least expensive product may not always be the best one to choose.

- **Testing reports** are something that every manufacturer should have readily available to show the buyer a third-party validation of their products. Here are some test reports that you can require for your project:
 - » Salt Fog Exposure Test (ASTM B117)
 - » Performance and Compliance Testing
- **Warranty claim percentage** to sales is a key number for a buyer to get from a manufacturer. This will tell you how many product failures occurred during the product life cycle. Make sure you get the details on this one; for example, you will need the years that the manufacturer is using for their data.
- **Product composition** of materials used to make the product. Just like in the food you eat, you want to know what makes up the railing product being purchased. The ingredients and manufacturing process is key to knowing if the product you are buying will stand up years from now. Here is what we suggest for a cable railing product composition and manufacturing process:
 - » Marine Grade 316 stainless steel, for excellent corrosion resistance.

Component	Alloy	Reference Standard
Wire Rope	Type 316 Stainless Steel	AISI Type 316, ASTM A492
Threaded Terminal Fittings	Type 316 Stainless Steel	ASTM A276
Quick-Connect® Fittings		
Beveled Washers		
Nut Washers		
Decorative Caps		

- » Validated premium raw materials, manufacturer should confirm elemental composition prior to production.
- » Silicone protection seal for fittings with exposed cable insertion holes (9800/9900) must be on the fitting for added protection against dirt, debris and potentially corrosive elements from entering the body of the fitting.



Can I Trust the Manufacturer?

Manufacturers will come and go, so make sure the one you choose will be there for you after the purchase. Feeney is the "original" cable railing manufacturer and we are 70+ years strong. Feeney will be here for you for years to come, with an expert staff to support you through the quoting, purchase, installation and after install care.



Is It Easy to Install?

The easier cable railing is to install the more of a win-win it is for both buyer and contractor. Feeney has been making it easy for over 70 years, perfecting the art of cable railing. Whether it is Feeney engineered tools to assist with the install or our Patented Quick-Connect® fittings, choosing Feeney will make your project a breeze.



Is It Safe and Code-Compliant?

See below for basic code requirements for railing installation.

International Code Council – International Residential Code (IRC):

- 1. Section 104.11 Alternative materials, design and methods of construction and equipment.**
Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.
- 2. 2012, 2015, 2018, 2021 IRC Section R311.7.8 – Handrails.**
Handrails shall be provided on not less than one side of each flight of stairs with four or more risers.
- 3. 2012, 2015, 2018, 2021 IRC Section R311.8.3 – Handrails Required.**
Handrail height, measured above the finished surface of the ramp slope, shall be not less than 34 inches (864 mm) and not more than 38 inches (965 mm).
- 4. 2012, 2015, 2018, 2021 IRC Section 312 – Guards.**
Guards shall be provided for those portions of open-sided walking surfaces, including stairs, ramps and landings, that are located more than 30 inches (762 mm) measured vertically to the floor or grade below at any point within 36 inches (914 mm) horizontally to the edge of the open side.

International Code Council – International Building Code (IBC):

- 1. Section 104.11 – Alternative materials, design and methods of construction and equipment.**
- 2. Section 1014 – Handrails.**
- 3. Section 1015 – Guards.**

It's All in How You Frame It

Different frames call for different CableRail solutions.

Every railing project starts with a frame. Different frame materials call for different CableRail solutions, so Feeney has simplified the buying process by organizing our solutions based on the needs of the project. This brochure is designed to assist you in choosing the right solution for the right frame with ease.

LEARN MORE ON FRAMES AVAILABLE FROM FEENEY:
[FEENEYINC.COM/PRODUCT/ALUMINUM-RAILING](https://feeneyinc.com/product/aluminum-railing)

Wood

CABLERAIL KITS
CABLERAIL CONCEAL KITS
FITTINGS + CABLE

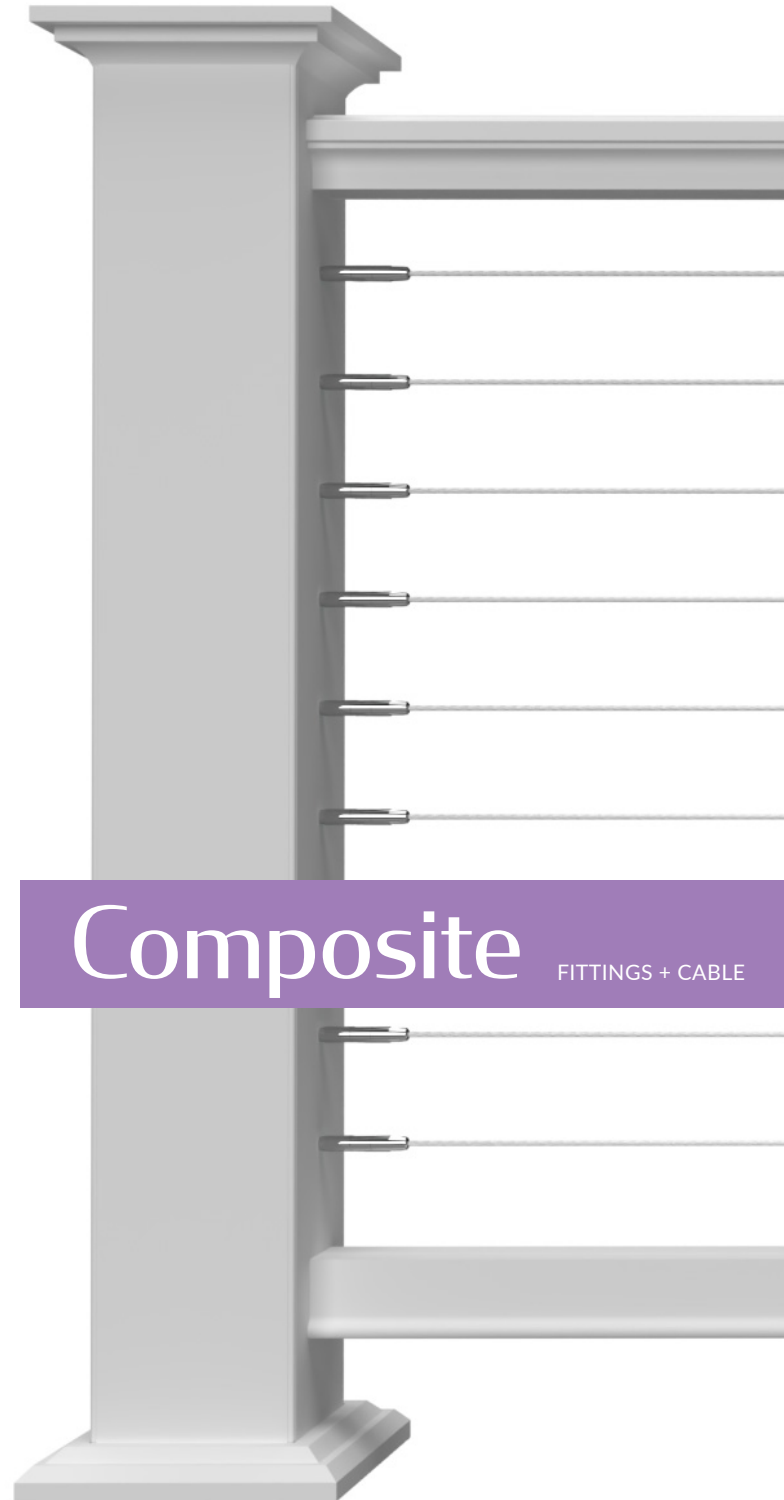
WOOD FRAME NOT PROVIDED BY FEENEY.



Metal

CABLERAIL KITS
FITTINGS + CABLE
CABLERAIL KITS + DESIGNRAIL®

DESIGNRAIL® MODERN FRAME FROM FEENEY SHOWN.
CABLERAIL ALSO WORKS WITH CUSTOM FABRICATED FRAMES.



Composite

FITTINGS + CABLE

COMPOSITE FRAME NOT PROVIDED BY FEENEY.



Wood



SOLUTION A

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SOLUTION B

CableRail Conceal Kits 11

SOLUTION C

Fittings + Bulk Cable 13

CABLERAIL FOR WOOD FRAMES

SOLUTION A

CableRail Kits (LONG TERMINAL, WOOD)

CableRail Kits are the most popular and easy-to-install solution for wood railing frames and include everything needed to attach and tension a cable.

Manufactured from high-quality 316-grade stainless steel for long lasting beauty. Click the code to learn more about CableRail Kits on our website.



Long Terminal Kits
7-1/2" Threaded Terminal

Long Terminal Kits

Our original CableRail system is an easy-to-install option for almost every project. It is 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 1/8" diameter cable with Threaded Terminal pre-attached to one end



Quick-Connect® Inset Fitting



Pair of flat washers (stainless steel for wood posts)



Snug-Grip® Washer Nut

Railing Frame Options

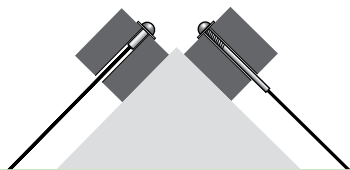
Our Standard CableRail Kits are designed for frames where there is access to drill through both end posts; fittings anchor to the outer faces of the posts. Long Terminal Kits are primarily used for wood railing frames and can be used with posts up to 6" x 6".

Long Terminal Kits can be used for level or stair applications. A specially engineered 25-ft Stair Kit is available for easy stair applications, which includes a Quick-Connect® Pivot fitting instead of an Inset fitting. See chart at right for details and options.

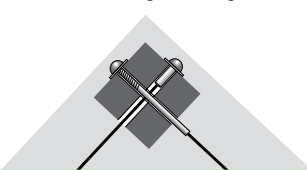
Recommended Corner Options

TERMINATING

*Offset drill holes at least 1/2-in if you choose to have cables terminating at a single wood post.

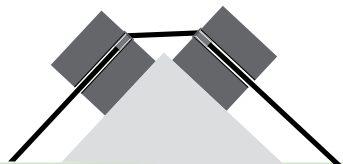


Double Corner



Single Corner*

CONTINUOUS

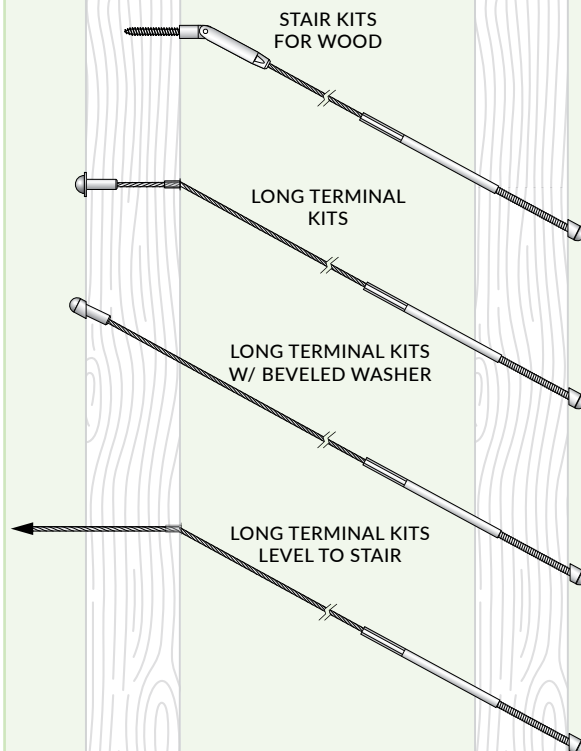


Double Corner

LEVEL CONFIGURATION



STAIR CONFIGURATIONS



SOLUTION A: CABLERAIL KITS

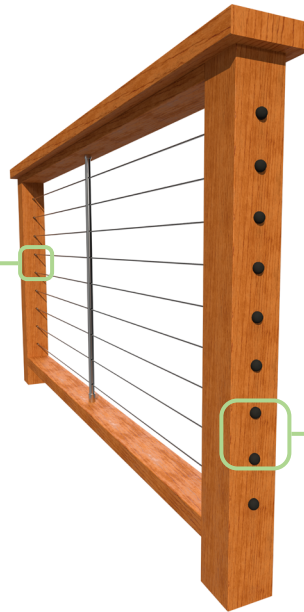


THREADED TERMINAL

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).

Don't Forget Your Pickets and End Caps!

*See page 30 for more details and ordering information.



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).



PLEASE NOTE: FEENEY DOES NOT PROVIDE WOOD FRAME.

Long Terminal Kit Options

Choose the increment based on your cable run length. Kits are available in bulk for large projects; ask your retailer for more information.

NOTE: CableRail Stair Kit for Wood (6520-PKG) includes a Quick-Connect® Pivot fitting instead of an Inset fitting.

LENGTH	LONG TERMINAL KIT ITEM#
5-ft	CR 1/8 : SS-L-05-PKG (6305-PKG)
10-ft	CR 1/8 : SS-L-10-PKG (6310-PKG)
15-ft	CR 1/8 : SS-L-15-PKG (6315-PKG)
20-ft	CR 1/8 : SS-L-20-PKG (6320-PKG)
25-ft	CR 1/8 : SS-L-25-PKG (6325-PKG)
30-ft	CR 1/8 : SS-L-30-PKG (6330-PKG)
40-ft	CR 1/8 : SS-L-40-PKG (6340-PKG)
50-ft	CR 1/8 : SS-L-50-PKG (6350-PKG)
20-ft	STAIR KIT FOR WOOD: 6520-PKG

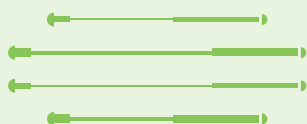


All level kits can be used for stair applications using beveled washers.

FEENEY ENGINEERED TOOLS* MAKE INSTALLATION EASIER!

- 1 Quick-Connect® Release Tool:**
For releasing the Quick-Connect® jaws to remove or adjust fitting.
- 2 Cable Lacing Needle:**
For quickly lacing cable ends through posts without snagging.
- 3 Cable Tensioning Tool:**
For quick and easy tensioning of cables.
- 4 Cable Tensioning Gauge:**
An easy-to-use tool for checking cable tension.
- 5 Cable Cutters:**
For shearing stainless steel cables.

*See page 29 for more details and ordering information.



CableRail Kits are available in 3/16" diameter cable and in longer lengths. Contact your local retailer to learn more or visit feeneyinc.com



Design your dream railing in 3D!

feeneyinc.com/visual-builder

SOLUTION B

CableRail Conceal Kits

Conceal Kits are an easy-to-install cable railing system which provide an alternative solution to our original CableRail Kits - for customers who are looking for a slightly lower profile of the fittings on the end posts.

SPECIAL ORDER ONLY.

Manufactured from high-quality 316-grade stainless steel for long lasting beauty. Click the code to learn more about **Conceal Kits for Wood Frames** on our website.



Conceal Kits for Wood Posts
(100 series) have a CR Conceal Terminal pre-attached.

Low Profile Kits for wood 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:

1/8" diameter cable with Conceal Terminal pre-attached to one end



Conceal Quick-Connect® Fitting



Conceal Receiver

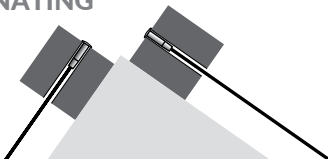
Railing Frame Options

CableRail Conceal Kits are designed for frames where there is access to drill through both end posts; the fittings anchor to the outer faces of the posts. Conceal Kits are compatible with wood railing frames as well as DesignRail® Custom.

Conceal Kits can be used for level or stair applications, see chart below for details.

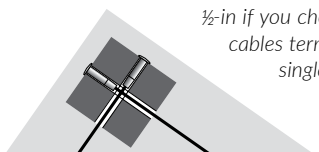
Recommended Corner Options

TERMINATING



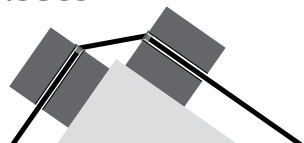
Double Corner

*Offset drill holes at least 1/2-in if you choose to have cables terminating at a single wood post.



Single Corner*

CONTINUOUS

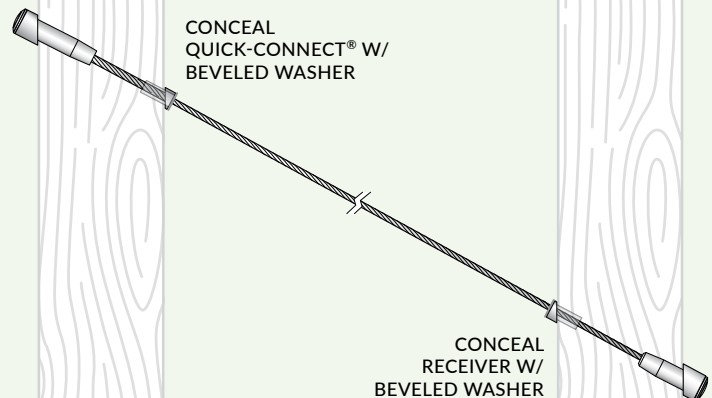


Double Corner

LEVEL CONFIGURATION



STAIR CONFIGURATION



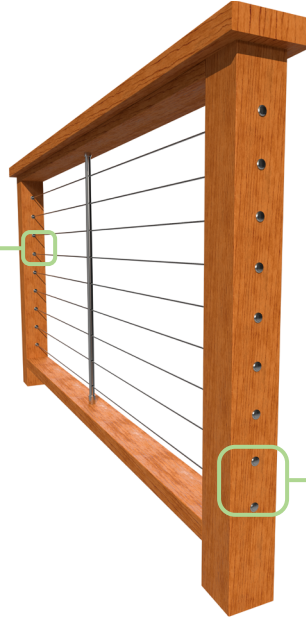
Visit our website at feeneyinc.com for more information, a searchable gallery of inspiration and other design resources.

SOLUTION B: CABLERAIL CONCEAL KITS



CONCEAL RECEIVER

Tension adjustment fitting 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 (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 and gray plastic (sold separately).



Don't Forget Your Pickets and End Caps!

*See page 30 for more details and ordering information.

PLEASE NOTE: FEENEY DOES NOT PROVIDE WOOD FRAME.

Conceal Kit Options

Available in 5-ft increments starting at 5-ft, all the way up to 50-ft. Choose the increment based on your cable run length. These items are available in bulk for large projects; ask your retailer for more information.

LENGTH	CONCEAL KIT ITEM#
5-ft	CRC 1/8 : 105
10-ft	CRC 1/8 : 110
15-ft	CRC 1/8 : 115
20-ft	CRC 1/8 : 120
25-ft	CRC 1/8 : 125
30-ft	CRC 1/8 : 130
40-ft	CRC 1/8 : 140
50-ft	CRC 1/8 : 150



All kits can be used for stair applications using beveled washers.

FEENEY ENGINEERED TOOLS* MAKE INSTALLATION EASIER!

1 Conceal Tool Kit:

Specifically designed tools to install your Conceal Kit fittings.

2 Conceal Cap Removal Tool:

For removing a Conceal Cap.

3 Cable Lacing Needle:

For quickly lacing cable ends through posts without snagging.

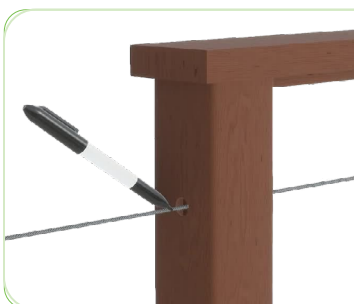
4 Cable Tensioning Gauge:

An easy-to-use tool for checking cable tension.

5 Cable Cutters:

For shearing stainless steel cables.

*See page 29 for more details and ordering information.



CableRail Conceal Installation Video

Watch how to install Conceal Kits in a wood railing, step by step! Visit our website for this and other video resources.

Conceal + DesignRail® Custom

Get an all-in one railing solution with tons of options: 18 powder-coated colors, plus a variety of top rail styles and mounting options. Visit feeneyinc.com to learn more.

CABLERAIL FOR WOOD FRAMES

SOLUTION C

Fittings + Bulk Cable

Manufactured from high-quality 316-grade stainless steel for long lasting beauty. Click the code to learn more about **Fittings for Wood Frames** on our website.



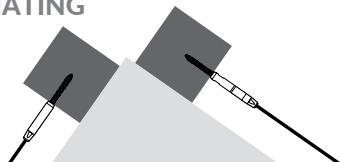
You can also build your own assemblies to fit your needs using cable and special CableRail Quick-Connect® fittings. Each assembly must have at least one Tension Adjustment Fitting.

Railing Frame Options

CableRail Fittings are designed for frames where fittings need to anchor to the inner faces of the posts. Fittings can be used for level or stair applications, see chart at right for details and options.

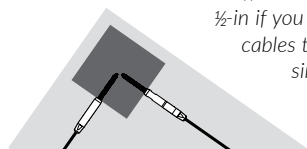
Recommended Corner Options

TERMINATING



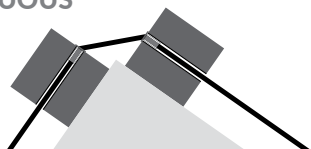
Double Corner

**Offset drill holes at least 1/2-in if you choose to have cables terminating at a single wood post.*



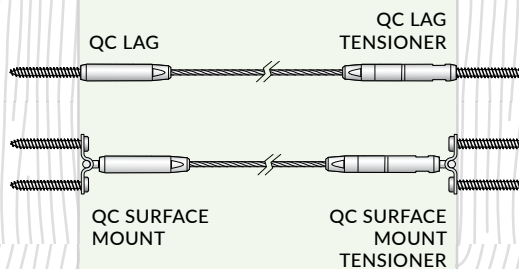
Single Corner*

CONTINUOUS

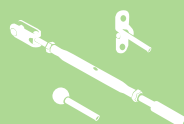
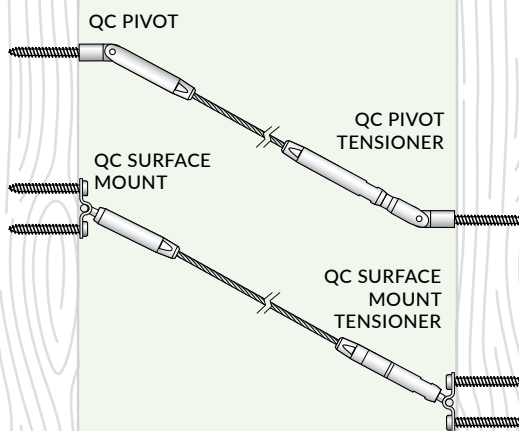


Double Corner

LEVEL CONFIGURATIONS



STAIR CONFIGURATIONS



Feeney has a wide variety of custom fittings for wood frames in 1/8" and 3/16" diameter cables. Learn more at feeneyinc.com

SOLUTION C: FITTINGS + CABLE

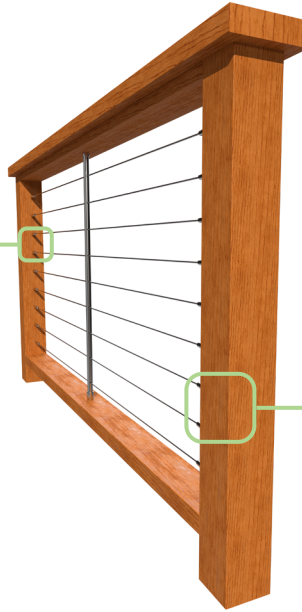


QUICK-CONNECT® LAG

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

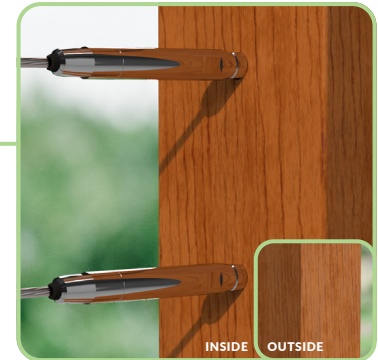
Don't Forget Your Pickets!

*See page 30 for more details and ordering information.



QUICK-CONNECT® LAG TENSIONER

Lag fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same hanger bolts as Lag.



PLEASE NOTE: FEENEY DOES NOT PROVIDE WOOD FRAME.

Fitting Options

QUICK-CONNECT® LAG

9905DL-PKG

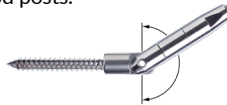
Fixed end fitting that screws into the face of a post or wall using the included hanger bolt with lag thread. Includes 2" bolt for wood posts and 2-½" bolt for wrapped or composite-sleeved wood posts.



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" bolt for wood posts and 2-½" bolt for wrapped or composite-sleeved wood posts.



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" lag screws for wood posts (½-in bolts for metal posts sold separately).



QUICK-CONNECT® LAG TENSIONER

9910DL-PKG

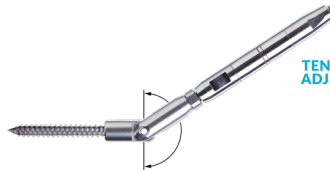
Lag fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same hanger bolts as Lag fitting.



QUICK-CONNECT® PIVOT TENSIONER

9916DL-PKG

Pivot fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same hanger bolts as Pivot fitting.



QUICK-CONNECT® SURFACE MOUNT TENSIONER

9913W-PKG

Surface Mount fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same lag screws as Surface Mount fitting.



Bulk Cable Options

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



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

FEENEY ENGINEERED TOOLS* MAKE INSTALLATION EASIER!

- Quick-Connect® Release Tool:**
For releasing the Quick-Connect® jaws to remove or adjust fitting.
- Cable Lacing Needle:**
For quickly lacing cable ends through posts without snagging.

- Wrench Wheel:**
An easy-to-use tool for tensioning Quick-Connect® Tensioner fittings.

- Cable Tensioning Gauge:**
An easy-to-use tool for checking cable tension.

- Cable Cutters:**
For shearing stainless steel cables.

*See page 29 for more details and ordering information.



Metal



Need a complete railing solution? Check out our DesignRail® Railing Systems!



Featuring limitless design options and customizations, Feeney's beautiful and easy-to-install components will elevate virtually any view. Visit feeneyinc.com or click the QR code.

SOLUTION A

CableRail Kits

17

SOLUTION B

Fittings + Cable

19

SOLUTION C

CableRail Kits + DesignRail®

21

CLASSIC/MODERN/CUSTOM



INSTALLER: CG&S DESIGN BUILD
PHOTOGRAPHER: JH JACKSON PHOTOGRAPHY
CABLERAIL SURFACE MOUNT FITTINGS + CABLE

CABLERAIL FOR METAL FRAMES

SOLUTION A

CableRail Kits

(SHORT TERMINAL, METAL)

CableRail Kits are the most popular and easy-to-install solution for wood railing frames and include everything needed to attach and tension a cable.

For use with:

DesignRail® Modern Kits
DesignRail® Classic Kits
DesignRail® Custom
Custom fabricated metal frames
Level 4x4 wood posts

Manufactured from high-quality 316-grade stainless steel for long lasting beauty. Click the code to learn more about CableRail Kits on our website.



Short Terminal Kits

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 1/8" diameter cable with Threaded Terminal pre-attached to one end



Quick-Connect® Inset Fitting



Pair of flat washers (nylon for metal posts)

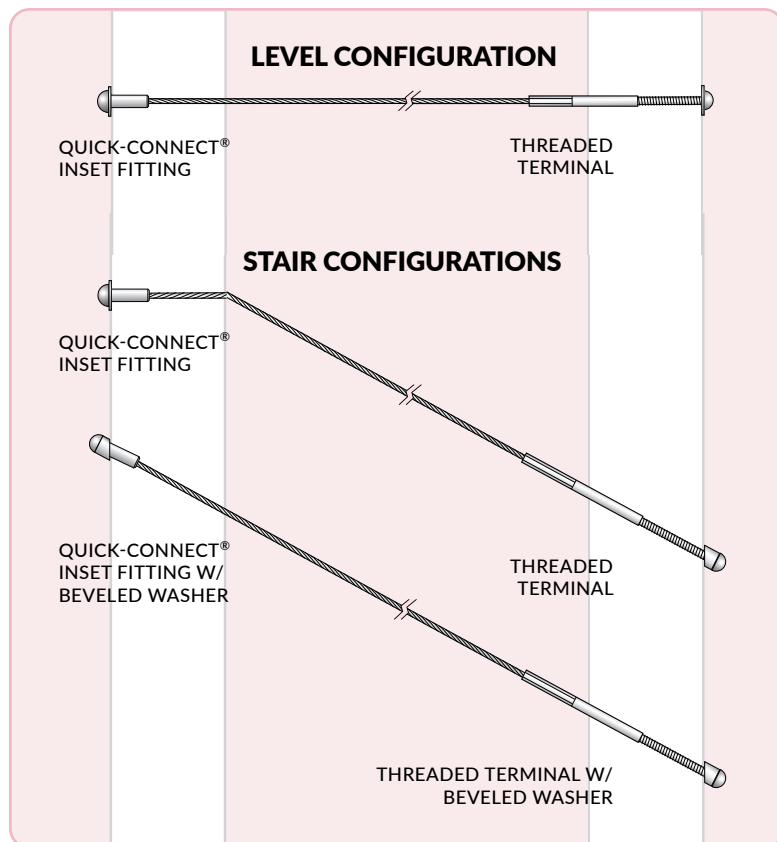


Snug-Grip® Washer Nut

Railing Frame Options

Our Standard CableRail Kits are designed for frames where there is access to drill through both end posts; fittings anchor to the outer faces of the posts. Short Terminal Kits are primarily used for metal railing frames, for posts up to 4" x 4".

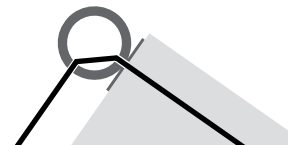
Short Terminal Kits can be used for level or stair applications, see chart below for details and options.



Recommended Corner Options

TERMINATING

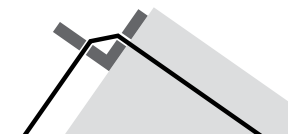
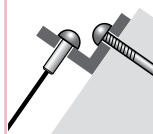
CONTINUOUS



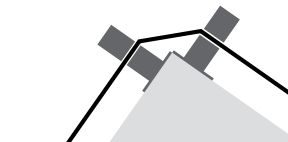
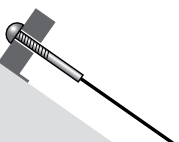
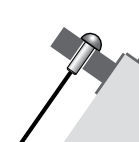
Single Pipe*



Double Pipe



Angle Iron



Double Flat Bar

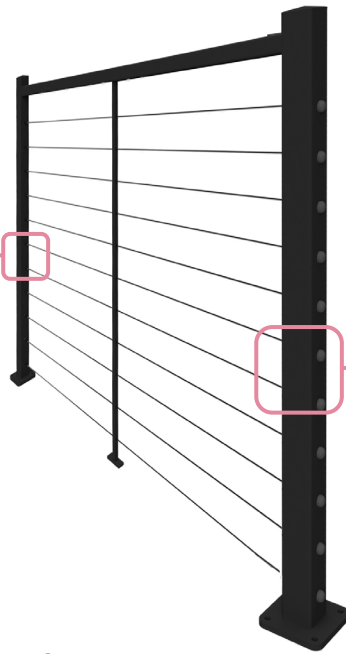
*Offset drill holes at least 1/2" if you choose to have cables terminating at a single pipe post.

SOLUTION A: CABLERAIL KITS



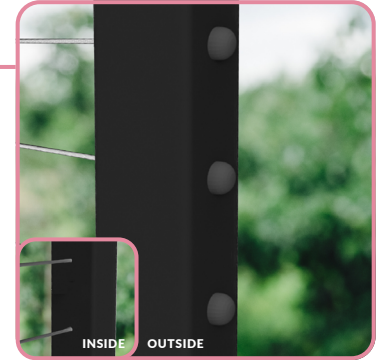
THREADED TERMINAL

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*).



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*).



Don't Forget Your Pickets and End Caps!

**See page 30 for more details and ordering information.*

Short Terminal Kit Options

Choose the increment based on your cable run length. Kits are available in bulk for large projects; ask your retailer for more information.

LENGTH	SHORT TERMINAL KIT ITEM#
5-ft	CR 1/8 : SS-S-05-PKG (6205-PKG)
10-ft	CR 1/8 : SS-S-10-PKG (6210-PKG)
15-ft	CR 1/8 : SS-S-15-PKG (6215-PKG)
20-ft	CR 1/8 : SS-S-20-PKG (6220-PKG)
25-ft	CR 1/8 : SS-S-25-PKG (6225-PKG)
30-ft	CR 1/8 : SS-S-30-PKG (6230-PKG)
40-ft	CR 1/8 : SS-S-40-PKG (6240-PKG)
50-ft	CR 1/8 : SS-S-50-PKG (6250-PKG)



All level kits can be used for stair applications using beveled washers.



CableRail Kits are available in 3/16" diameter cable and in longer lengths. Contact your local retailer to learn more or visit feeneyinc.com

FEENEY ENGINEERED TOOLS* MAKE INSTALLATION EASIER!

- 1 Quick-Connect® Release Tool:**
For releasing the Quick-Connect® jaws to remove or adjust fitting.
- 2 Cable Lacing Needle:**
For quickly lacing cable ends through posts without snagging.
- 3 Cable Tensioning Tool:**
For quick and easy tensioning of cables.
- 4 Cable Tensioning Gauge:**
An easy-to-use tool for checking cable tension.
- 5 Cable Cutters:**
For shearing stainless steel cables.

**See page 29 for more details and ordering information.*



Design your dream railing in 3D!

feeneyinc.com/visual-builder

CABLERAIL FOR METAL FRAMES

SOLUTION B

Fittings + Cable



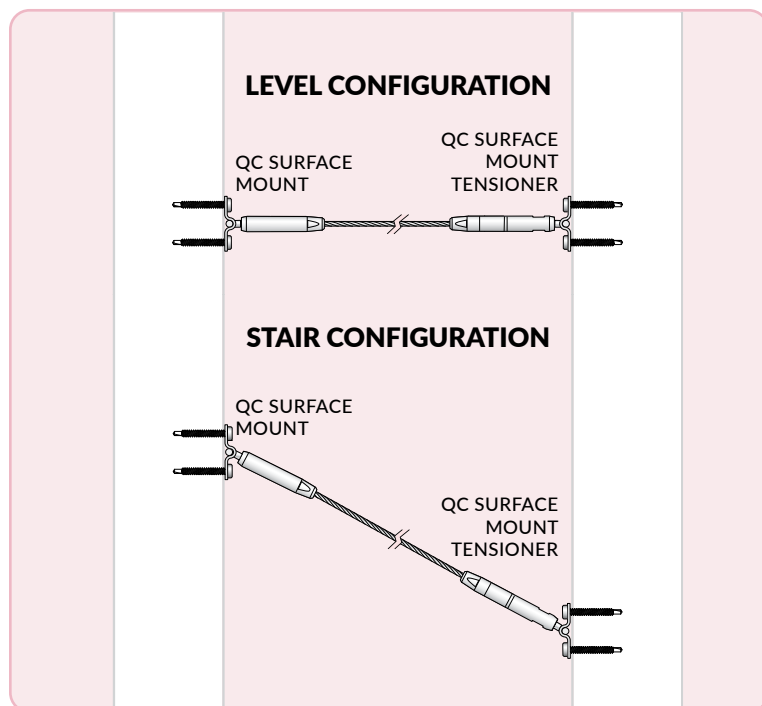
Manufactured from high-quality 316-grade stainless steel for long lasting beauty. Click the code to learn more about **Fittings for Metal Frames** on our website.



You can also build your own assemblies to fit your needs using cable and special CableRail Quick-Connect® fittings. Each assembly must have at least one Tension Adjustment Fitting.

Railing Frame Options

CableRail Fittings are designed for frames where fittings need to anchor to the inner faces of the posts. Fittings can be used for level or stair applications, see chart below for details.



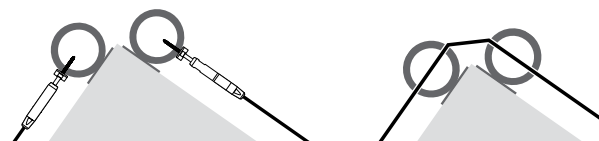
Recommended Corner Options

TERMINATING

CONTINUOUS



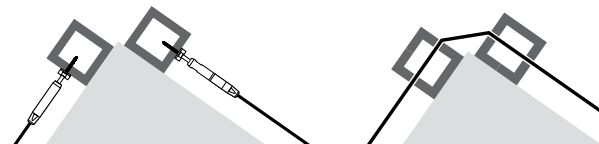
Single Pipe



Double Pipe



Square



Double Square



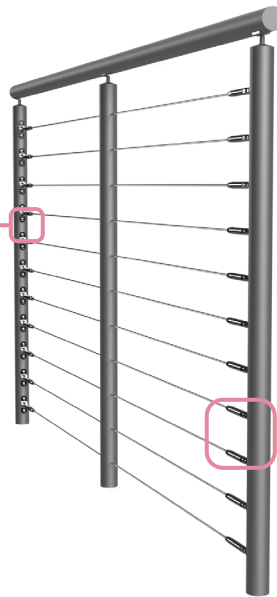
Visit our website to for technical documents and other resources for using CableRail with custom fabricated metal frames: feeneyinc.com

SOLUTION B: FITTINGS + CABLE



QUICK-CONNECT® SURFACE MOUNT

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.



QUICK-CONNECT® SURFACE MOUNT TENSIONER

Surface Mount fitting with a special swiveling body that allows 3/4" of take up for cable tensioning.



Don't Forget Your Pickets!

*See page 30 for more details and ordering information.

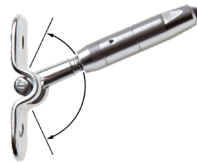
PLEASE NOTE: FEENEY DOES NOT PROVIDE FRAME PICTURED.

Fitting Options

QUICK-CONNECT® SURFACE MOUNT

9903W-PKG

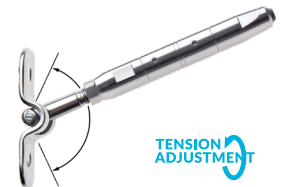
Fixed end fitting that attaches to the face of a post or wall with the included screws or bolts. 130° pivot range allows for angled stair terminations. Includes 2" lag screws for wood posts (½-in bolts for metal posts sold separately).



QUICK-CONNECT® SURFACE MOUNT TENSIONER

9913W-PKG

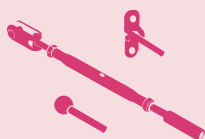
Surface Mount fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same lag screws as Surface Mount.



Bulk Cable Options

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

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



Feeney has a wide variety of custom fittings for 1/8", 3/16", and 1/4" diameter cables. For more information, visit our website at feeneyinc.com

FEENEY ENGINEERED TOOLS* MAKE INSTALLATION EASIER!

- 1 Quick-Connect® Release Tool:**
For releasing the Quick-Connect® jaws to remove or adjust fitting.
- 2 Wrench Wheel:**
An easy-to-use tool for tensioning Quick-Connect® Tensioner fittings.
- 3 Cable Lacing Needle:**
For quickly lacing cable ends through posts without snagging.
- 4 Cable Tensioning Gauge:**
An easy-to-use tool for checking cable tension.
- 5 Cable Cutters:**
For shearing stainless steel cables.

*See page 29 for more details and ordering information.

SOLUTION C

CableRail Kits + DesignRail® Kits

Made of high quality 6000 series aluminum extrusions with AAMA 2604 powder-coated finishes for long lasting beauty and performance. Everything you need is packaged and stocked at your local dealer. DesignRail® Aluminum Railing Kits are a

design·railCLASSIC

COLORS

BLACK (BLK)

TEXTURED BLACK (TBLK)

*TBLK: 1-2 weeks to ship



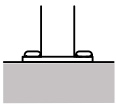
SERIES 150 TOP RAIL

Top rail profile for level and stairs, installs between posts, meets residential handrail graspability code requirements.



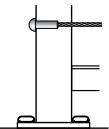
SINGLE CORNER POST

Unique design allows continuation of cable through corners with only one post.



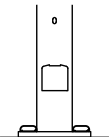
BASE MOUNTED POSTS

Durable 3/8" thick base plate with fully-threaded stainless steel lag screws, provide a strong and secure attachment. (lag screws included)



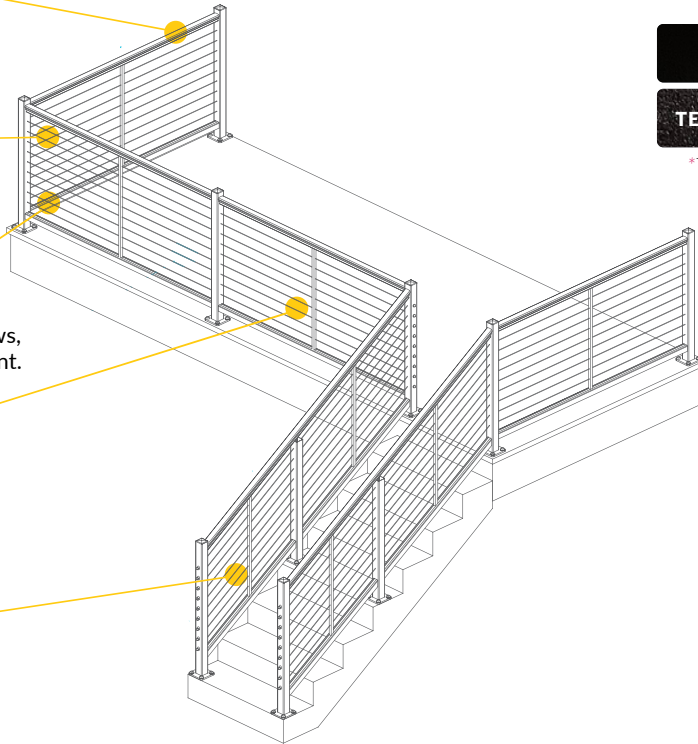
CABLERAIL INFILL WITH BOTTOM RAIL

Bottom rail profile 3-1/4" above deck. (CableRail Kits sold separately)



PRE-DRILLED POSTS

Makes it easy to install CableRail infill in level and stair railings. (29-34 degree slope)



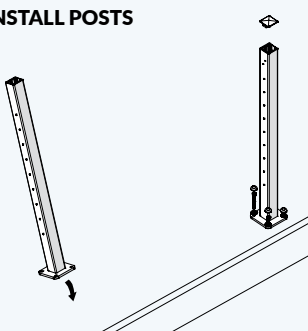
MORE CLASSIC KIT FEATURES:

- RESIDENTIAL APPLICATIONS ONLY
- IN STOCK AT YOUR LOCAL DEALER
- 6' FRAMES FOR 36" AND 42" RAILINGS

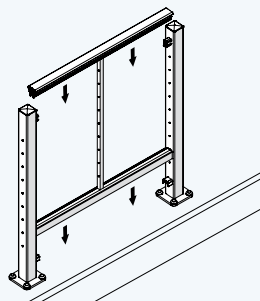


Classic Kit Installation made easy!

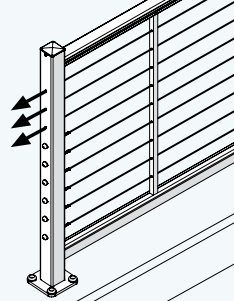
INSTALL POSTS



ASSEMBLE & ATTACH RAIL KITS



INSTALL CABLERAIL



Classic Kits details:

feeneyinc.com/product/Design-Rail-Classic

SOLUTION C: CABLERAIL KITS + DESIGNRAIL®

great solution for customers looking for a fast and easy way to install high quality exterior or interior aluminum railings with CableRail. Engineered for easy installation using components that snap and screw together, with pre-drilled posts and pickets to support 1/8" SHORT TERMINAL CableRail Kits (**Solution A**).

For more options, check out DesignRail® Custom on our website.

design·rail MODERN

SERIES 250 TOP RAIL

Top rail profile for level and stairs, installs between posts, meets residential handrail graspability code requirements.

DRINK RAIL ADAPTER (optional)

MULTIPLE POST DESIGNS

Single Corner, 45 Degree, and Blank posts available to fit any project.

BASE MOUNTED POSTS

Durable 3/8" thick base plate with fully-threaded stainless steel lag screws provide a strong and secure attachment. (lag screws included)

CABLERAIL INFILL WITH NO BOTTOM RAIL

(CableRail Kits sold separately)

PRE-DRILLED POSTS

Makes it easy to install CableRail infill in level and stair railings. (29-34 degree slope)

COLORS

BLACK (BLK)

TEXTURED BLACK (TBLK)

Drink Rail Adapter

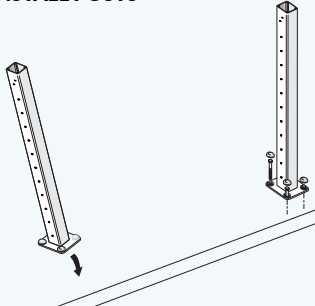
Optional accessory to attach a wood or composite drink rail on level railing sections.

MORE MODERN KIT FEATURES:

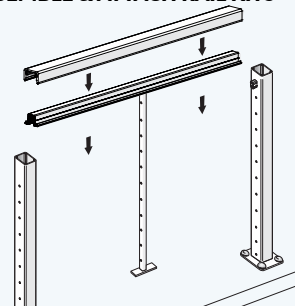
- RESIDENTIAL APPLICATIONS ONLY
- IN STOCK AT YOUR LOCAL DEALER
- 6' AND 8' FRAMES FOR 36" RAILINGS, 6' FRAMES FOR 42" RAILINGS
- HIDDEN FASTENERS

Modern Kit Installation made easy!

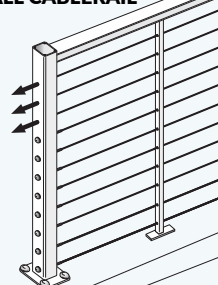
INSTALL POSTS



ASSEMBLE & ATTACH RAIL KITS



INSTALL CABLERAIL



Modern Kits details:

feeneyinc.com/product/Design-Rail-Modern



Composite



SOLUTION A

Fittings + Cable

25

SOLUTION A

Fittings + Cable



Manufactured from high-quality 316-grade stainless steel for long lasting beauty. Click the code to learn more about **Fittings for Composite Frames** on our website.



You can build your own assemblies to fit your needs using cable and special CableRail Quick-Connect® fittings. Each assembly must have at least one Tension Adjustment Fitting.

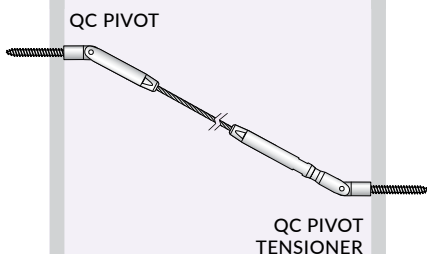
Railing Frame Options

CableRail Fittings are designed for frames where fittings need to anchor to the inner faces of the posts. Fittings can be used for level or stair applications, see chart below for details.

LEVEL CONFIGURATION

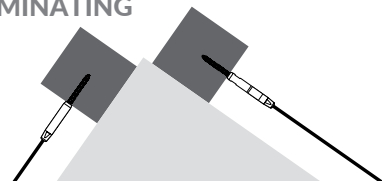


STAIR CONFIGURATION



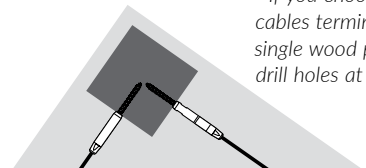
Recommended Corner Options

TERMINATING



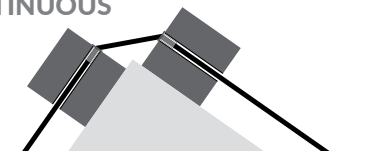
Double Corner

**If you choose to have cables terminating at a single wood post offset drill holes at least ½ in.*



Single Corner*

CONTINUOUS



Double Corner



Visit our website at feeneyinc.com for more information, a searchable gallery of inspiration and other design resources.

SOLUTION A: FITTINGS + CABLE

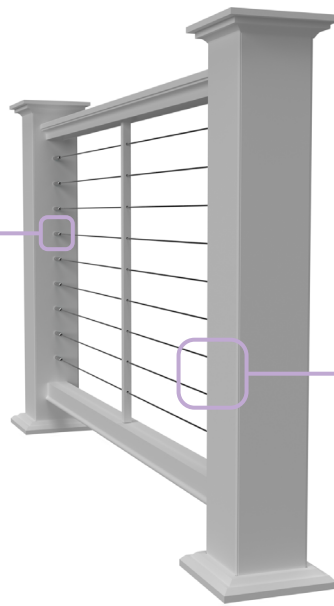


QUICK-CONNECT® LAG

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

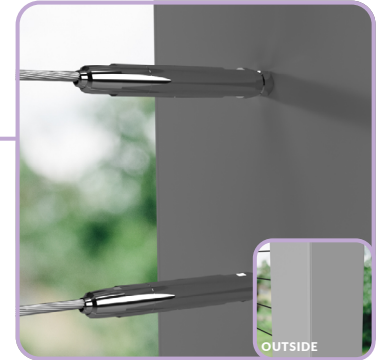
Don't Forget Your Pickets!

*See page 30 for more details and ordering information.



QUICK-CONNECT® LAG TENSIONER

Lag fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same hanger bolts as Lag.



PLEASE NOTE: FEENEY DOES NOT PROVIDE COMPOSITE FRAME.

Fitting Options

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" bolt for wood posts and 2-½" bolt for wrapped or composite-sleeved wood posts.



QUICK-CONNECT® LAG TENSIONER

9910DL-PKG

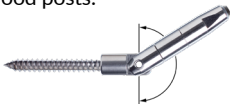
Lag fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same hanger bolts as Lag.



QUICK-CONNECT® PIVOT

9915DL-PKG

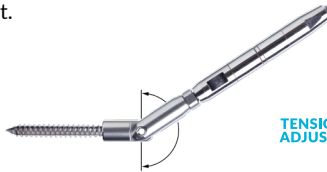
Fixed end fitting that screws into the face of a post or wall using the included hanger bolt with lag thread. 180° pivot range allows for angled stair terminations. Includes 2" bolt for wood posts and 2-½" bolt for wrapped or composite-sleeved wood posts.



QUICK-CONNECT® PIVOT TENSIONER

9916DL-PKG

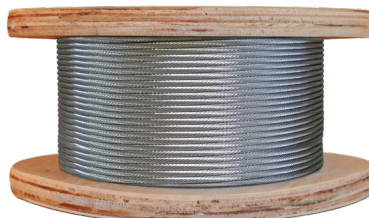
Pivot fitting with a special swiveling body that allows 3/4" of take up for cable tensioning. Includes same hanger bolts as Pivot.



Bulk Cable Options

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

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



FEENEY ENGINEERED TOOLS* MAKE INSTALLATION EASIER!

- 1 Quick-Connect® Release Tool:**
For releasing the Quick-Connect® jaws to remove or adjust fitting.
- 2 Wrench Wheel:**
An easy-to-use tool for tensioning Quick-Connect® Tensioner fittings.
- 3 Cable Lacing Needle:**
For quickly lacing cable ends through posts without snagging.
- 4 Cable Tensioning Gauge:**
An easy-to-use tool for checking cable tension.
- 5 Cable Cutters:**
For shearing stainless steel cables.

*See page 29 for more details and ordering information.



Design your dream railing in 3D!

feeneyinc.com/visual-builder

Need Inspiration, Ideas or Support? We've Got You.



Gallery of Inspiration

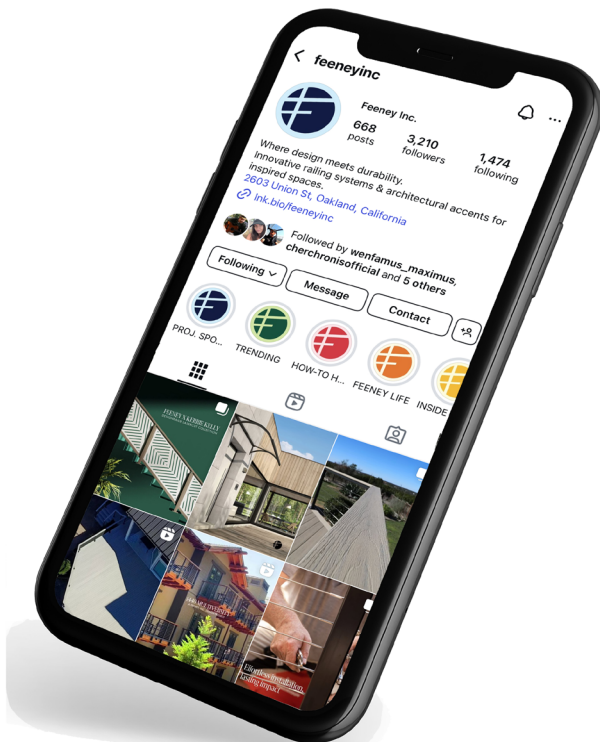
Our online photo gallery allows you to search hundreds of photos to find project ideas.

Visit feeneyinc.com/resources/image-gallery

Design Your Railing in 3D

Create a project from scratch or start with one of our pre-made templates. Try out all our railing options including CableRail and DesignRail® aluminum railings. Set the scene, add an awning and some furniture, then save and share your project with your dealer or builder!

Start designing now: feeneyinc.com/visual-builder



Project Ideas: Blog & Social Media

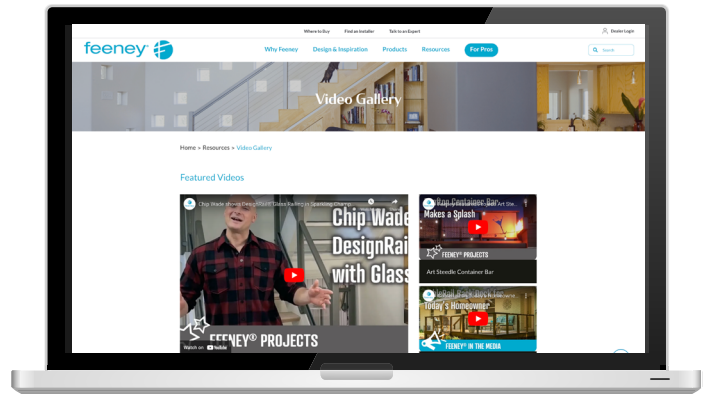
Featured projects, tips and trends: feeneyinc.com/blog
Follow us on your favorite social platform [@FeeneyInc](https://www.instagram.com/feeneyinc)



Feeney Video Library

Whether you are looking for project inspiration or technical guidance, we've got you. Check out our library of videos!

Visit feeneyinc.com/resources/video-gallery



Product Support

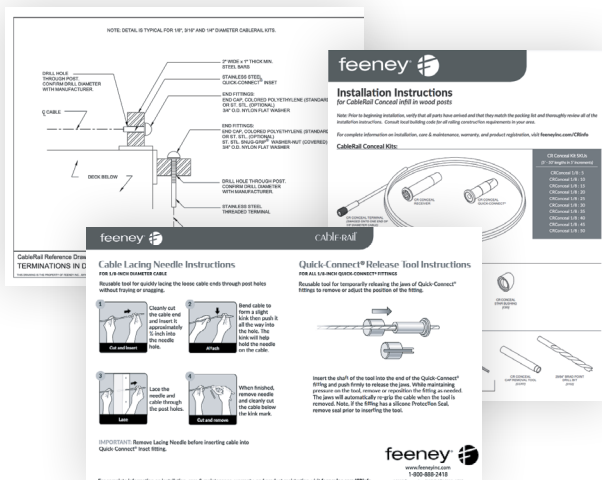
Feeney takes pride in making it easy for our customers to succeed. That's why our dedicated team of experts are available to support you throughout the process, from choosing the right products to installation assistance.

Call us at (800) 888-2418 or reach out online: feeneyinc.com/contact-us

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Visit feeneyinc.com/pros/architects-designers-ceu/



Technical Documents

Giving you the technical specifications you need to ensure project success!

Visit feeneyinc.com/technical-information

Complete Tool List

CABLE CUTTERS

For shearing stainless steel cables.
2972-PKG

⚠ WARNING: This product can expose you to Di(2-ethylhexyl)phthalate (DEHP) which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to P65Warnings.ca.gov

Works with: **A B C A B C A**

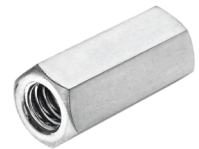


HANGER BOLT INSTALLATION TOOL

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

3988-PKG

Works with: **A B C A B C A**



STAINLESS STEEL CLEANER KIT

Feeney SteelRenewal™ & SteelProtect™ make it easy to clean and maintain all stainless steel surfaces, fittings, and cables. Kit includes a bottle of SteelRenewal™ & SteelProtect™, applicator brush, sponge, and protective gloves. It is non-toxic and biodegradable.

5064-PKG

Works with: **A B C A B C A**



WRENCH WHEEL

An easy-to-use tool for tensioning Quick-Connect® Tensioner fittings that allows for continuous full rotation without requiring repositioning of wrenches.

6006-PKG

Works with: **A B C A B C A**



QUICK-CONNECT® RELEASE TOOL

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

1/8" diameter cable

3128-PKG

Works with: **A B C A B C A**



CABLERAIL TENSIONING TOOL

Easy-to-use tool for tightening cables. Works on Quick-Connect® Inset fitting to efficiently pull cable through the fitting and maximize cable tension on long runs.

6005-PKG

Works with: **A B C A B C A**



CABLE LACING NEEDLES

For quickly lacing cable ends through posts without snagging.

1/8" diameter cable

3221-PKG

3221-CURVE-PKG

Works with: **A B C A B C A**



CONCEAL CAP REMOVAL TOOL

For removing a Conceal End Cap.

CCRT

Works with: **A B C A B C A**



MULTI-TOOL

Five great CableRail tools in one! Includes taper, stainless steel ruler/depth gauge, bubble level, release tool, and lacing needle.

MT-1/8

Works with: **A B C A B C A**



CONCEAL TOOL KIT

Includes a Conceal Star Driver, a 1/2" and 9/16" Ratcheting Box Wrench, and a 5/32" T-Handle HexWrench.

Works with: **A B C A B C A**

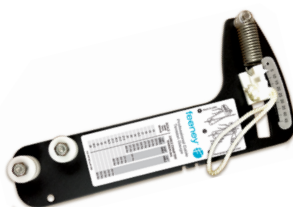


TENSION GAUGE

Easy-to-use tool for checking cable tension.

6004-PKG

Works with: **A B C A B C A**



CONCEAL STAR DRIVER

Part of a toolset used to install and tension Conceal CableRail Kits.

CSDT

Works with: **A B C A B C A**



Additional Components

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" spacing for 1/8" cables. Slotted holes on stair pickets will accommodate stair slope between 20° and 45°. Includes base plates and attachment screws. Size 3/4" sq x 44-in long for level railings and 46-in long for stair railings. Trim to fit.

LEVEL RAILING PICKET

Black, 1 pack

7648 BLK-PKG

Silver, 1 pack

7648 SLV-PKG

White, 1 pack

7648 WHT-PKG

STAIR RAILING PICKET

Black, 1 pack

7649 BLK-PKG

Silver, 1 pack

7649 SLV-PKG

White, 1 pack

7649 WHT-PKG

Works with: **A B C A B C A**

**7648
LEVEL**

**7649
STAIR**

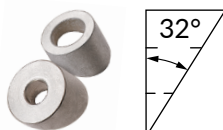
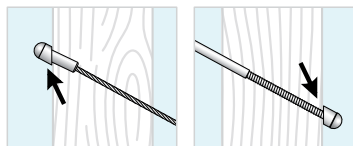
BEVELED WASHERS (stainless steel)

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

4 pack 3799-PKG fits Threaded Terminals

Works with: **A B C A B C A**

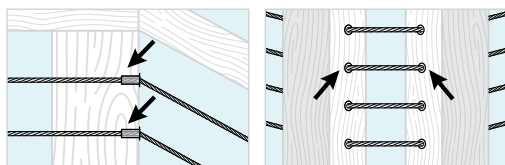


PROTECTOR SLEEVES (stainless steel)

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

10 pack 3210-PKG

Works with: **A B C A B C A**



STAIR TRANSITIONS

DOUBLE POST CORNER

BEVELED WASHERS FOR PROTECTOR SLEEVES (stainless steel)

Provides the ability to use protector sleeves on intermediate stair wood posts. (Special Order)

BW : PBW (Each)

Works with: **A B C A B C A**



INTERMEDIATE PICKETS (stainless steel)

Slim, 3/8" diameter 316 stainless tube picket for wood frames up to 42-in high. Pre-drilled at 3" spacing for 1/8" 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. Stair bottom sleeves are also available in custom order for stair frames with a bottom rail.

Works with: **A B C A B C A**

**SSPK
LEVEL**

**SSPK
STAIR**



END CAPS

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

Works with: **A B C A B C A**



COLOR 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



STAINLESS STEEL

Dome style, 4 pack 3372-PKG

Crown style, 4 pack 3373-PKG

Chamfer style, 4 pack 3374-PKG

CONCEAL COMPONENTS

All components work with: **A B C A B C A**

CONCEAL FLAT WASHER

29/64" X 7/8" OD

316-SS flat washer

CWW



CONCEAL END CAP

Available in select Feeney ColorEasy™ powder coat colors and stainless steel. CCP



CONCEAL PLASTIC END CAP

Gray Plastic Cap

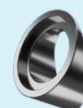
CCP : PL Gray



CONCEAL STAIR BEVELED WASHER (stainless steel)

For providing a flat bearing surface when attaching both Conceal fittings at angled stair terminations. 32° angle to fit most stair slopes.

CBW



CableRail Order Checklist



Make your railing view friendly with the original stainless steel cable infill for wood, metal, and composite railing. Once again Feeney is making it easy for you to understand, find and purchase the original cable railing products.

Step 1: Take this brochure with the option that you like to your contractor or retailer.

Step 2: Tear this page out and hand to your contractor or retailer to start the estimating process.

Total LF of Railing needed

Height of Railing:
36" or 42"

☐ Bottom Rail
36" (9 Cable Rows)
42" (11 Cable Rows)

☐ No Bottom Rail
36" (11 Cable Rows)
42" (13 Cable Rows)

Wood

CORNER CONFIGURATION

☐ Double Posts ☐ Single Posts

SOLUTION A

☐ CableRail Kits - Long Terminal (1/8" cable)

5' 10' 15' 20' 25'
 30' 35' 40' 45' 50'

SOLUTION B SPECIAL ORDER

☐ Conceal CableRail Kits: 1/8" only

5' 10' 15' 20' 25'
 30' 35' 40' 45' 50'

SOLUTION C

☐ Fittings + Cable (1/8" cable)

☐ 9903 - Surface Mount ☐ 9905 - Lag ☐ 9915 - Pivot
☐ 9913 - Surface Mount Tensioner ☐ 9910 - Lag Tensioner ☐ 9916 - Pivot Tensioner

OPTIONAL ALUMINUM RAIL KITS

☐ Level - 36" ☐ Stair - 36" ☐ Level - 42"
7724 7610 7609
☐ Black ☐ Textured Black

NOTE: Kits and fittings are available for other cable diameters via special order

Metal

SOLUTION A

☐ CableRail Kits - Short Terminal (1/8" cable)

5' 10' 15' 20' 25'
 30' 35' 40' 45' 50'

SOLUTION B

☐ Fittings + Cable (1/8" cable)

☐ 9903 - Surface Mount
☐ 9913 - Surface Mount Tensioner

NOTE: Kits and fittings are available for other cable diameters via special order

SOLUTION C

Use our [DesignRail® Classic Kit Order Guide](#), [DesignRail® Modern Kit Order Guide](#) or our [DesignRail® Custom RFQ](#) for more options.

Composite

CORNER CONFIGURATION

☐ Double Posts ☐ Single Posts

SOLUTION A

☐ Fittings + Cable (1/8" cable)

☐ 9905 - Lag ☐ 9915 - Pivot
☐ 9910 - Lag Tensioner ☐ 9916 - Pivot Tensioner

NOTE: Kits and fittings are available for other cable diameters via special order

Tools

☐ Cable Cutters
2972-PKG

☐ Stainless Cleaner Kit
5064-PKG

☐ Wrench Wheel
6006-PKG

☐ Cable Tensioning Tool
6005-PKG

☐ Tension Gauge
6004-PKG

☐ Multi-Tool
MT-1/8

☐ Quick-Connect® Release Tool
3128-PKG

☐ Cable Lacing Needle
3221-PKG

☐ Hanger Bolt Installation Tool
3988-PKG

☐ Conceal Cap Remover
CCRT

☐ Conceal Tool Kit
CRC-KIT

☐ Conceal Star Driver
CSDT

Additional Components

PICKETS - ALUMINUM

☐ Level - Silver
7648 SLV-PKG

☐ Level - Black
7648 BLK-PKG

☐ Level - White
7648 WHT-PKG

☐ Stair - Silver
7649 SLV-PKG

☐ Stair - Black
7649 BLK-PKG

☐ Stair - White
7649 WHT-PKG

PICKETS - STAINLESS

☐ Level - 36"
SSPK 36L-PKG

☐ Level - 42"
SSPK 42L-PKG

☐ Stair
SSPK STR-PKG

CONCEAL

☐ Conceal End Cap - Stainless
CCP

☐ Conceal End Cap - Plastic
CCP - PL Gray

☐ Conceal Flat Washer
CWW

☐ Conceal Beveled Washer
CBW

END CAPS - STAINLESS

☐ Dome
3372-PKG - 4 pack

☐ Crown
3373-PKG - 4 pack

☐ Chamfer
3374-PKG - 4 pack

END CAPS - POLYETHYLENE

☐ Black
7071-PKG - 10 Pack

☐ White
7072-PKG - 10 Pack

☐ Brown
7073-PKG - 10 Pack

☐ Gray
7074-PKG - 10 Pack

☐ Bronze
7077-PKG - 10 Pack

WASHERS

☐ Beveled Washers - QC
3792-PKG - 4 Pack

☐ Beveled Washers - TT
3799-PKG - 4 Pack

☐ Beveled Washers - IN
PBW - Each

PROTECTOR SLEEVES

☐ For Wood & Composite
3210-PKG - 10 pack

This checklist is to be used with your contractor or retailer to begin the estimating process. Find a Feeney retailer online at feeneyinc.com/dealer-locator. To find a Feeney contractor, go to feeneyinc.com/installer-locator.

Feeney is always here to help! You can call us at (800) 888-2418 or you may email us at sales@feeneyinc.com.

Railing Design Tips for CableRail

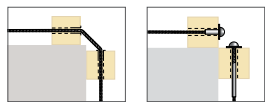
1 SELECT YOUR POST MATERIAL

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



2 SELECT YOUR CORNER TYPE

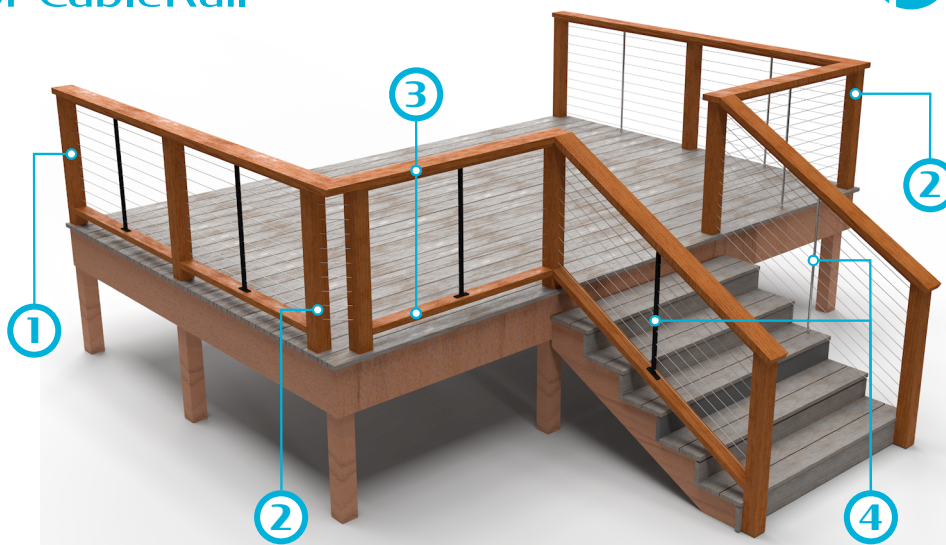
Double corner posts (recommended for wood and metal posts only) allow cables to either run continuously through a corner, requiring fewer fittings, or to easily terminate.



Single corner posts (recommended for composite-sleeved wood posts) are also an option and typically require the cables to terminate at the corner. (To use a single corner with CableRail Kits, one run will be offset by 1/2").



(see website for additional options)



3 DESIGN TOP AND BOTTOM RAIL

Always include a strong, rigid, securely fastened **top rail** to provide necessary strength to the frame and help support the cable tension loads. Underneath the top rail, attach a minimum 1" x 4" **wood blocking** between posts to provide additional lateral reinforcement to the posts.

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

4 SELECT YOUR PICKET TYPE

Slender **intermediate pickets** may be used instead of some bulkier intermediate posts to achieve a more open railing design while maintaining proper cable spacing. (For picket options see Page 30)

Aluminum (square)

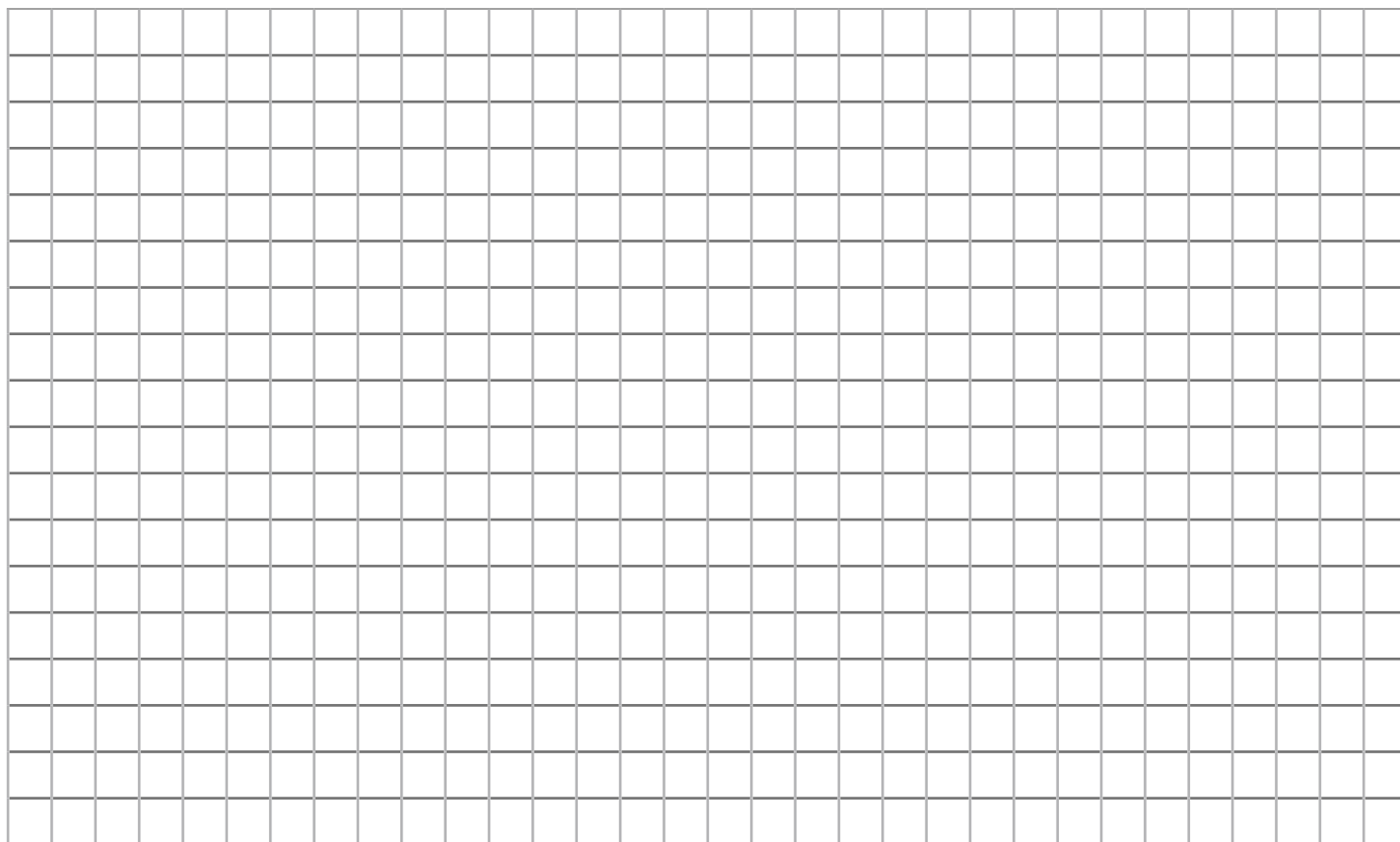


Stainless Steel* (tubular)



*SS Pickets for WOOD FRAMES ONLY

SKETCH YOUR LAYOUT



Visit feeneyinc.com/technical-information for installation instructions.



Design your dream railing in 3D!
feeneyinc.com/visual-builder

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