

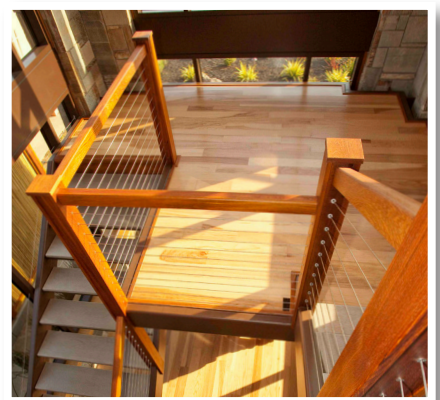


CABLE·RAIL[®]

by feeney[®]



Stair
Design Guide



CABLE·RAIL®

by feeney®

- Attractive and unobtrusive with slender cables and hidden fittings
- High-strength, low-maintenance, weather-tough 316-grade stainless steel
- For wood, metal, or composite sleeved railing frames in exterior, interior, residential or commercial settings
- Contains recycled materials for an eco-friendly footprint
- Available as Standard Cable Assemblies, Quick-Connect® fittings and cable, and Custom Assemblies

Easy on both the eyes and the view, it's an ideal complement to any railing design, indoors or out. Slender **CableRail** cable assemblies are the perfect railing infill alternative to pickets and glass panels. They're made from beautiful yet weather-tough 316-grade stainless steel with an assortment of cable and attachment hardware options. The assemblies are strong, durable, easy to install, low maintenance, and virtually invisible.

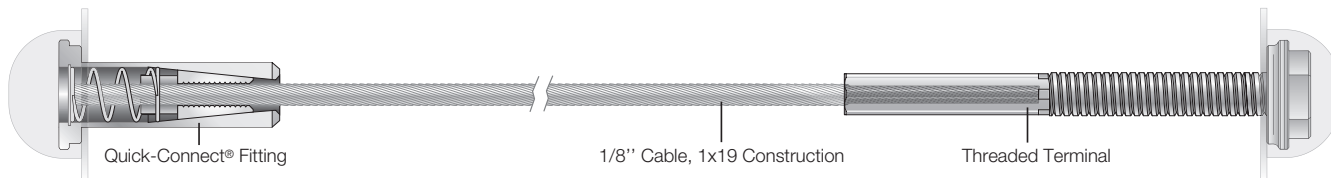
Standard Assemblies - Make Measuring, Ordering, and Installing a Breeze.

Use with

- Wood or Metal Posts - Outside of Post to Outside of Post Attachment



CableRail Standard Assemblies are sold in a wide range of standardized pre-cut lengths for easy ordering. There's no wasted time taking precise railing measurements, just select assemblies that are longer than you need and trim any excess in the field. Each assembly includes special **Threaded Terminal** and automatic-locking **Quick-Connect®SS** attachment fittings that are sleek, simple to use, and easy to conceal.



- Easy to order with standardized, pre-fabricated assemblies
- Available in 1/8", 3/16", and 1/4" cable sizes to complement any railing design
- Wide range of standard lengths (5' to 70' in 5' increments) that can be field trimmed
- Automatic-locking **Quick-Connect®SS** fittings make installation fast and easy

See the "CableRail Standard Assemblies brochure" or feeneyinc.com for more information



The **Threaded Terminal** comes pre-attached to one end of the cable and securely fastens to an end post using a **Snug-Grip® Washer Nut**.

The **Quick-Connect®SS** fitting has one-way jaws that lock automatically. Just slide it on, pull the cable tight, and trim the excess.

You may also need ▼



Beveled Washers



Protector Sleeves

Durable, low-maintenance stainless steel cable available in 1/8", 3/16", and 1/4" diameters.

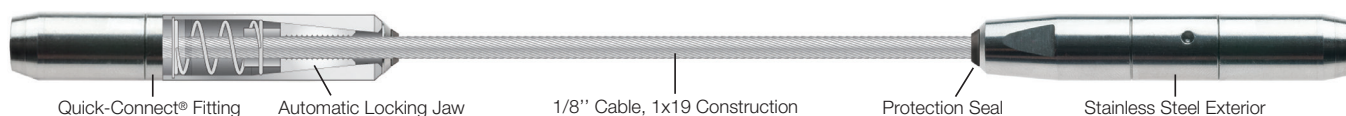


Quick-Connect® fittings and cable - Solutions made easy!

Use with

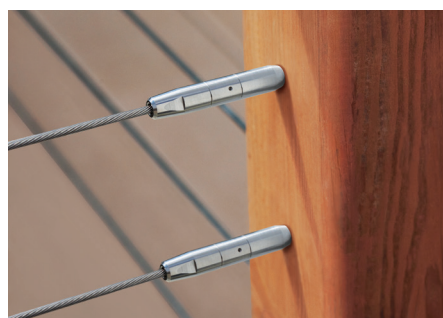
- Wood or Metal Posts - Inside of Post to Inside of Post Attachment
- Wood or Metal Posts - Outside of Post to Inside of Post Attachment
- Composite Wrapped/Sleeved Wood Posts - Inside of Post to Inside of Post Attachment

Our **CableRail** Standard Assemblies are an easy to use option for most railing installations, but some projects have construction or design needs that require a different solution. We've taken our automatic-locking-jaw technology and applied it to a full range of sleek and swageless **Quick-Connect®** cable end fittings that offer you the opportunity to use CableRail stainless steel cable infill to create virtually any CableRail solution you need.

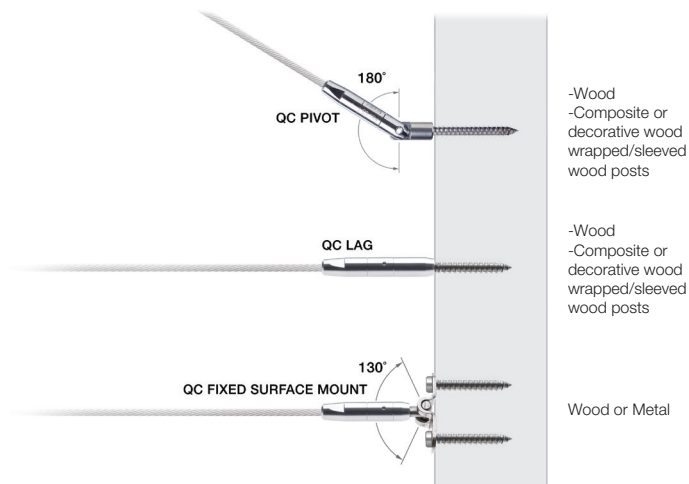


- With our automatic-locking-jaw technology you don't need swaging tools or compression type fittings
- Special Swivel Fittings allow you to adjust tension by just spinning the turnbuckle body
- Everything is done at the job site... no pre-measuring or cutting of cable required
- Fittings and cables are made of quality 316 marine grade stainless steel for easy maintenance and long lasting beauty!

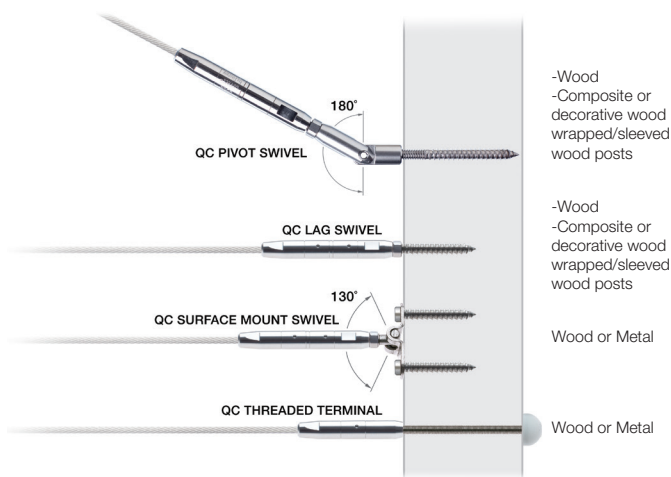
See the "Quick-Connect® Solutions Guide" or feeneyinc.com for more information



FIXED END FITTINGS



TENSION ADJUSTMENT FITTINGS



Frame Requirements

Frames need to support the tension of properly installed cables.

They need to be designed and built strong enough for the end and corner posts to support a load of approximately 300-lbs for each cable. Here are some basic guidelines to help you prepare your railing frames for cable infill.

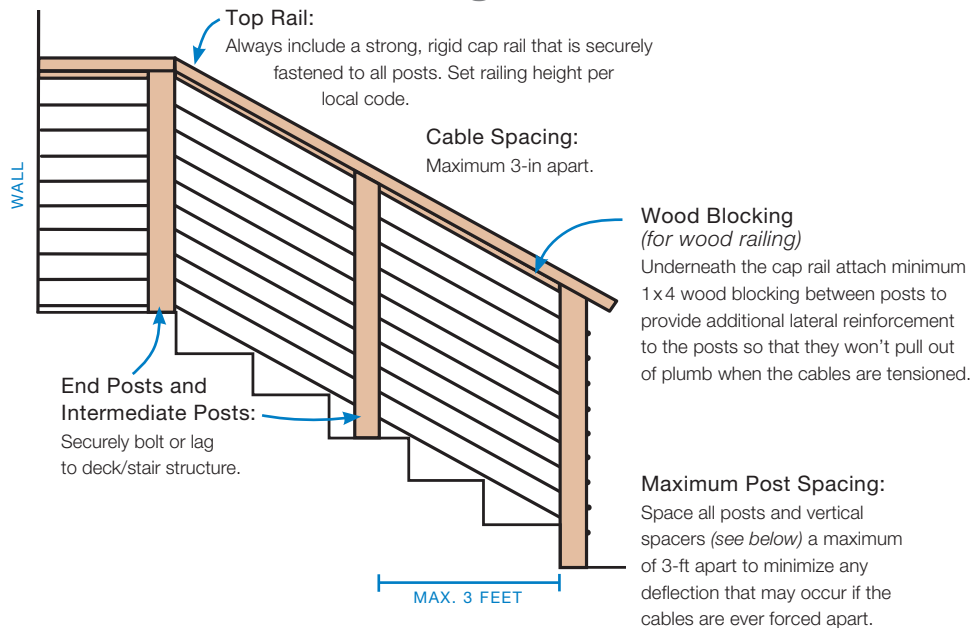
Posts

End and Corner Posts: The end and corner posts are the cable termination/transition posts and support the full load of the taut cables. They should be sized accordingly.

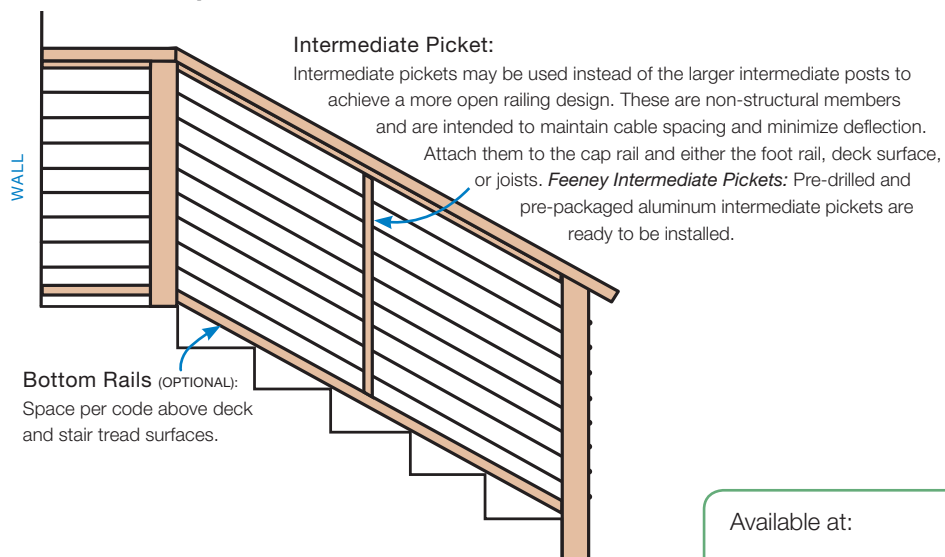
Intermediate Posts: The remaining intermediate posts do not support any tension load since the cables pass straight through, so they can be sized as required for cap rail support or for code.



The Basic Frame Design



Other Options



For complete details on railing frame requirements, please visit www.feeneyinc.com/QCInstall

IMPORTANT NOTES

- Since building codes vary by state, county, and city, following these guidelines may not ensure code compliance in all areas. Please consult with your local building department before starting your cable project.
- CableRail cable assemblies and fittings are designed for use on railings, fences, and trellises only. They should never be used for lifting, hanging, or high load applications.
- Please check with composite material manufacturer and your contractor for recommendations regarding use with CableRail

CONSTRUCTION CHECKLIST

- Space cables maximum 3-in apart
- Space posts/verticals maximum 3-ft apart
- Securely fasten all posts and cap rails
- Carefully plan all termination and corner posts for proper clearance, positioning, and maximum cable run lengths
- Straight runs of cable (no turns/dips) should not exceed 50-ft
- Runs with corner bends (2 corner bends at most) should not exceed 40-ft
- Use minimum 4x6 size wood for all end and corner posts in wood railings

Available at: