

## METAL POST APPLICATIONS | SYSTEM OVERVIEW

### Cable Fitting Solutions

Cable railing is formed using multiple runs of cable and end fittings. Each run of cable includes one tensioning and one non-tensioning fitting. End fittings are distinguished by their installation method and are available as through-post and surface mount for level and angled applications.

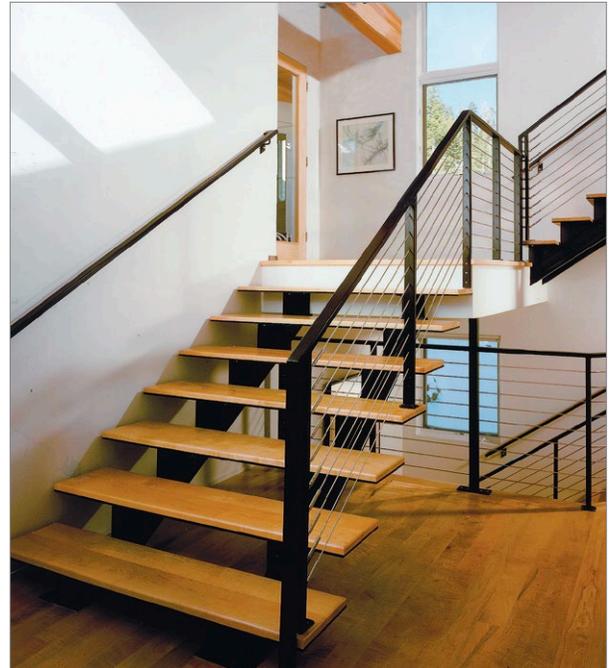
When planning cable railing, start with the most visible side of the railing framework which will likely be the longest run. To achieve maximum views with no visible hardware, select a through-post fitting. Access to the back of the end post is required to secure these fittings. Alternatively, when the back of the post is inaccessible, a surface mount fitting can be secured to the inside of the post. A complete railing requires 11 - 13 rows of cable depending on post height and framework. A 3" spacing between rows is recommended to comply with code requirements.

A desirable look, unique to Ultra-tec, is the ability to combine a through-post and surface mount fitting in a single corner post on the same plane. This feature achieves a 90° corner and the look of continuous cable. If a through-post installation is used the runs need to be offset and may appear unbalanced.

#### Through-Post



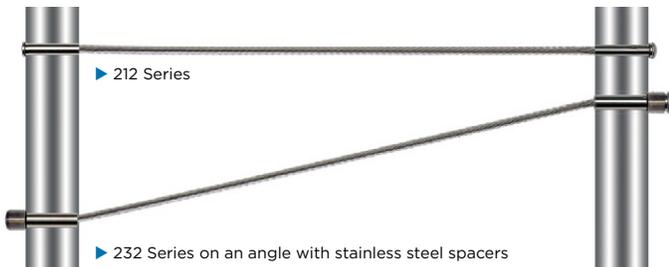
#### Surface Mount



### Design Options

Select from through-post and surface mount fittings to suit accessibility of the posts in the railing framework, tensioning and non-tensioning function, and design preferences.

#### 1-1/2" Round Post



#### Through-Post - For 1-1/2" Round Post

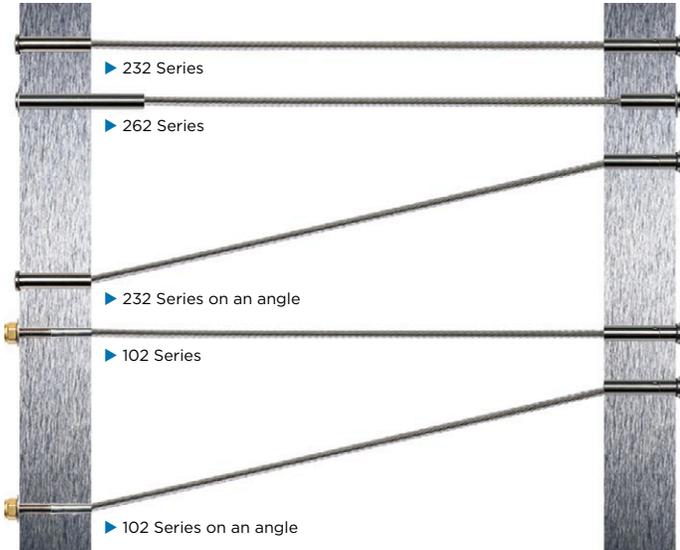
Maximizes views with nearly invisible fittings that pass through the post and secure to the back of the post (outside surface of the terminating post).

- ▶ Standard Cable Kits: 212 and 232 Series  
*These fittings have the added benefit of being tamper resistant for ultimate security.*

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### Design Options

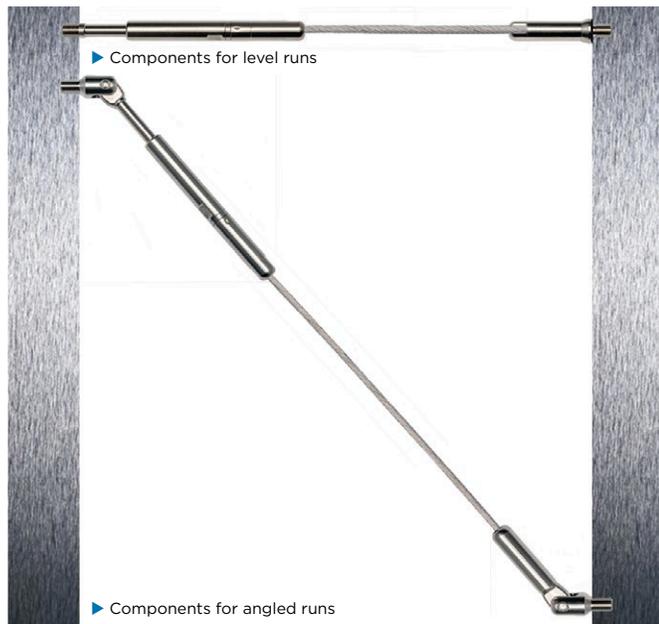
#### 2" Square Post



#### Through-Post - For 2" Square Post

Maximizes views with nearly invisible fittings that pass through the post and secure to the back of the post (outside surface of the terminating post).

- ▶ Standard Cable Kits: 232 and 262 Series  
*These fittings have the added benefit of being tamper resistant for ultimate security.*
- ▶ Standard Cable Kits: 102 Series  
*These fittings offer an ultimate cost-effective solution with a simple, 3" long threaded stud, tensioning device.*



#### Surface Mount

Create a clean, subtle look with sleek, exposed fittings that secure to the inside of the post, ideal for when the back of the terminating post is inaccessible and to create a seamless run of cable on a single corner post.

- ▶ À La Carte Components  
*Individual components for ultimate flexibility. Cable is sold separately.*



### Larger Cable Sizes

For commercial or public applications, 3/16" or 1/4" diameter cable is recommended. Please contact your Sales Representative for design and technical support.



Ultra-tec products qualify for LEED points in the certification process.

## WOOD POST APPLICATIONS | SYSTEM OVERVIEW

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#### Through-Post



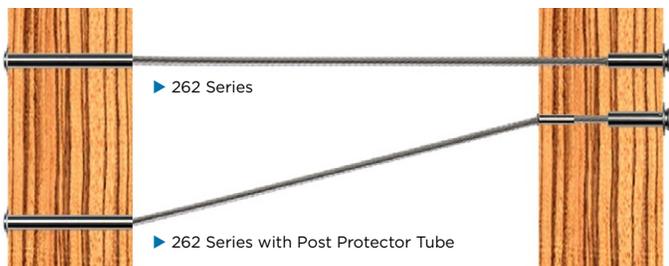
#### Surface Mount



### Design Options

Select from through-post and surface mount fittings to suit accessibility of the posts in the railing framework, tensioning and non-tensioning function, and design preferences.

#### 4"x4" Nominal Post



#### Through-Post - For 4"x4" Nominal Post

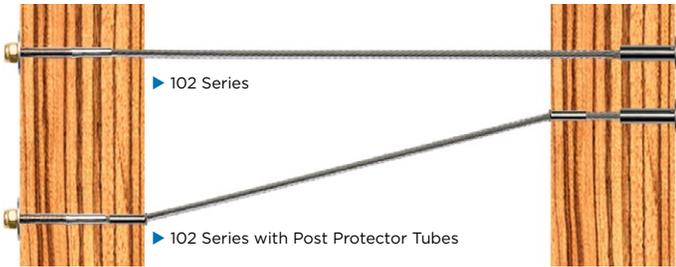
Maximizes views with nearly invisible fittings that pass through the post and secure to the back of the post (outside surface of the terminating post).

- ▶ Standard Cable Kit: 262 Series  
*These fittings have the added benefit of being tamper resistant for ultimate security.*

## WOOD POST APPLICATIONS | SYSTEM OVERVIEW

### Design Options

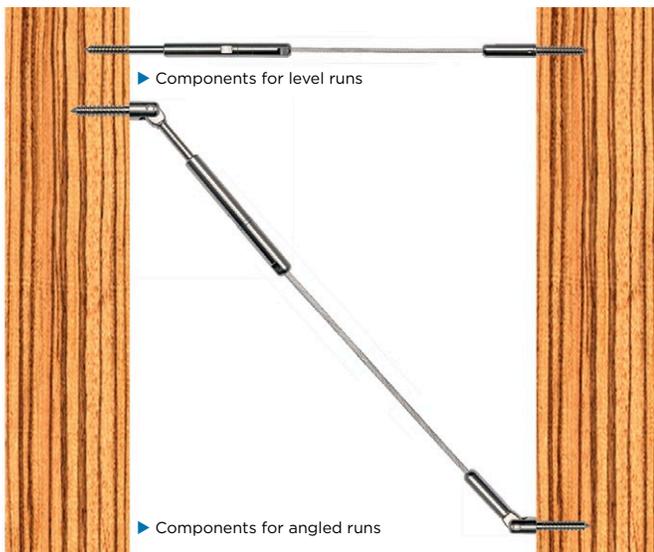
#### 4"x4" Nominal Post



#### Through-Post - For 4"x4" Nominal Post

Maximizes views with nearly invisible fittings that pass through the post and secure to the back of the post (outside surface of the terminating post).

- ▶ Standard Cable Kit: 102 Series  
*These fittings offer an ultimate cost-effective solution with a simple, 3" long threaded stud, tensioning device.*



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