

# Through-the-Post Mount

## Straight Cable Runs up to 25 feet

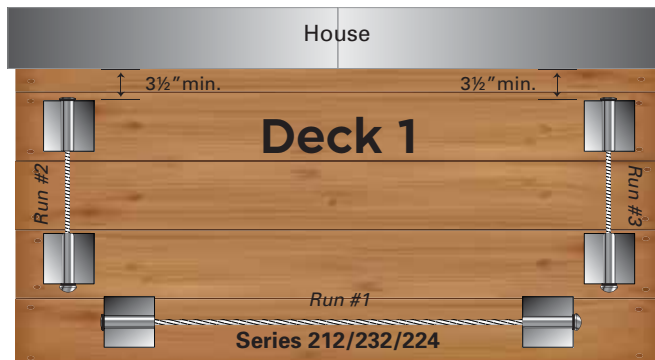
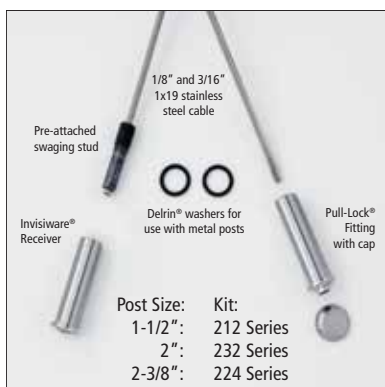
Deck 1 has dedicated end posts for each run, and the posts are situated such that the back side of the posts are all accessible, meaning you can use a *through-the-post* configuration for all runs. This is both the most economical solution and where the fittings are least visible.

**For 1-1/2" metal square tube, use the 212 Series.**

**For 2" square tube, use the 232 Series.**

**For 2-3/8" square tube, use the 224 Series.**

The tensioning device is, respectively, a 1 1/2", 2", or 2-3/8" long Invisiware® Receiver, which installs flush-through the tube on one end. A same-length Pull-Lock® fitting is installed flush-through the other end.



### Tools needed for 212, 232, and 224 Series:

5/32 drill bit if 1/8" cable, 7/32 if 3/16"

29/64 drill bit for Receiver and Pull-Lock® installation

3/16 hex wrench for tensioning Receiver

Cable cutting tool

Series 212, 232, and 224 Kits

Cable Length	1/8" cable			3/16" cable		
	1 1/2" metal post	2" metal post	2-3/8" metal post	1 1/2" metal post	2" metal post	2-3/8" metal post
	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
5'	21205	23205	22405	21205-6	23205-6	22405-6
10'	21210	23210	22410	21210-6	23210-6	22410-6
15'	21215	23215	22415	21215-6	23215-6	22415-6
20'	21220	23220	22420	21220-6	23220-6	22420-6
25'	21225	23225	22425	21225-6	23225-6	22425-6

# Through-the-Post Mount

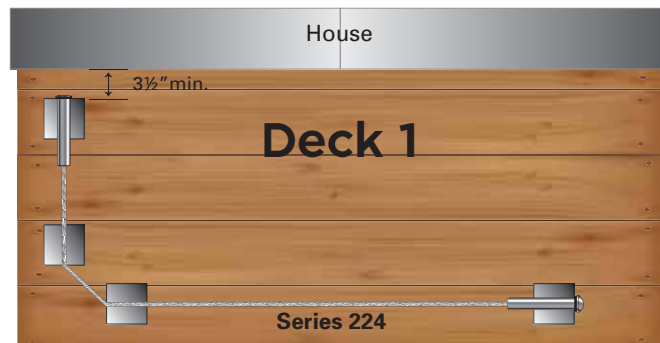
## Straight Cable Runs over 25 feet and Cable Runs through Corners

Longer cable runs need more take-up in the tensioning device, so the 224 Series stands in for the 212 and 232 for long runs and cable runs through one corner.

When taking cable railing through a corner, do not bend the cable past 45° at any one time. If turning 90°, a 2-step turn using a double corner post configuration is required, as in Deck 1.

### Use the 224 Series.

The tensioning device is a 2-3/8" long Invisiware® Receiver, which installs through the metal post on one end. A Pull-Lock® fitting of the same length is installed through the other end.



Depending on the size of your metal posts, the 224 Series fittings may extend beyond the width of the posts.

### Series 224 Kits

Cable Length	1/8" cable	3/16" cable
	PART NO.	PART NO.
30'	22430	22430-6
40'	22440	22440-6
50'	22450	22450-6

### Tools needed for 224 Series:

5/32 drill bit if 1/8" cable, 7/32 if 3/16"  
 29/64 drill bit for Receiver and Pull-Lock® installation  
 3/16 Hex wrench for tensioning Receiver  
 Cable cutting tool

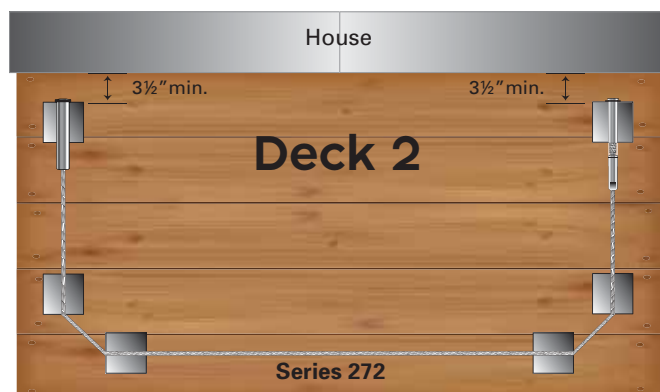
When going around two corners, it's necessary to tension the cable from both ends as shown in Deck 2.

### Use the 272 Series.

The tensioning devices are a 3 1/2" long Invisiware® Receiver, which installs through the post on one end, and a Push-Lock® Stud on the other end, which is threaded into a 2.3" long Receiver.



Since the 272 Series is also used for wood posts, the kits include stainless steel washers.



### Tools needed for 272 Series:

5/32 drill bit if 1/8" cable, 7/32 if 3/16"  
 29/64 drill bit for Receiver and Push-Lock® installation  
 3/16 hex wrench for tensioning Receiver  
 Cable cutting tool  
 7/16 wrench for tightening Push-Lock® Stud

### Series 272 Kits

Cable Length	1/8" cable	3/16" cable
	PART NO.	PART NO.
30'	27230	27230-6
40'	27240	27240-6
50'	27250	27250-6
60'	27260	27260-6

# Through-the-Post Mount

## Cable Runs on a Pitch for 1-1/2" Posts

The cleanest approach to running cable on a pitch is to drill through both end both posts on the square (NOT at the angle of the stairs). No beveled washers necessary\*. Only intermediate posts need to be drilled on the angle of the stairs.

\*Not true for flat bar, which still needs to be drilled on the angle, requiring beveled washers.

### For 1½" metal square tube, use the 232 Series with 1/2" spacer

A 1/2" spacer (ordered separately) is installed on the back side of the post so the Receiver mounts flush to the face of the post. A 2" Pull-Lock® and spacer are installed through the other end.

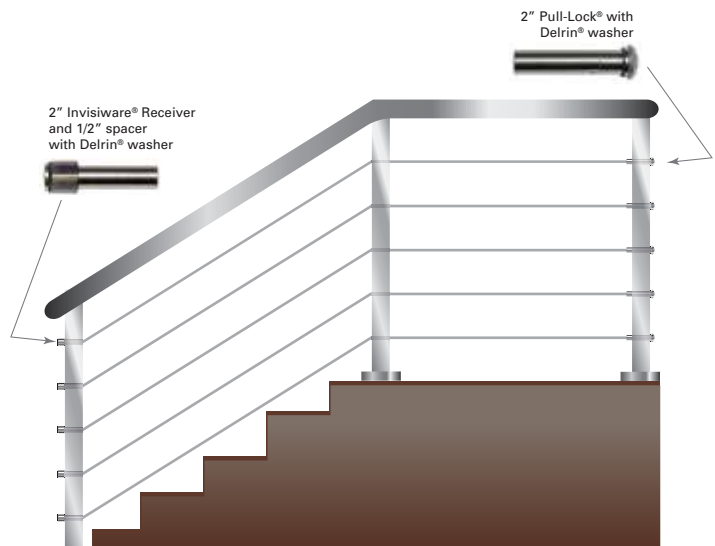
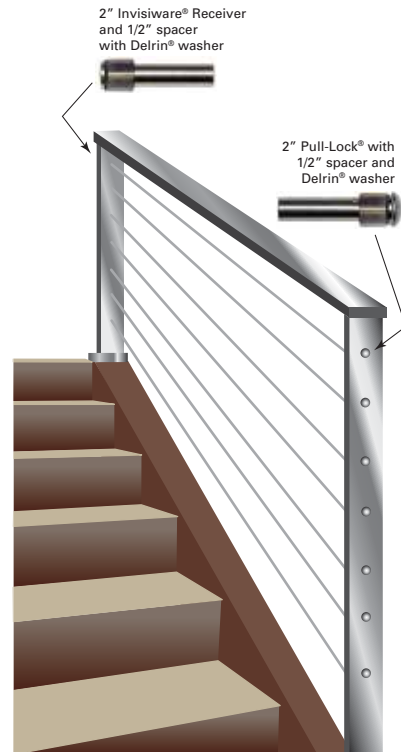


Series 232 Kits		
Cable Length	1/8" cable	3/16" cable
	1½" or 2" Metal Post	1½" or 2" Metal Post
	PART NO.	PART NO.
5'	23205	23205-6
10'	23210	23210-6
15'	23215	23215-6
20'	23220	23220-6
25'	23225	23225-6

### 1/2" Spacer

Order two spacers for each kit.

Order **SPC-R6-.500**



### Tools needed for 232 Series:

5/32 drill bit if 1/8" cable, 7/32 if 3/16"

29/64 drill bit for Receiver and Pull-Lock® installation

3/16 hex wrench for tensioning Receiver

Cable cutting tool

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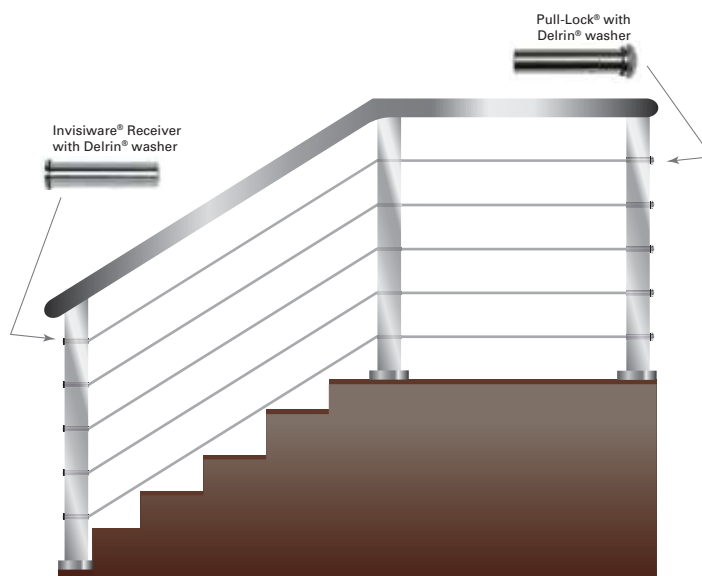
## Cable Runs on a Pitch for 2" and 2-3/8" Posts

The cleanest approach to running cable on a pitch is to drill through both end both posts on the square (NOT at the angle of the stairs). No beveled washers necessary\*. Only intermediate posts need to be drilled on the angle of the stairs.

\*Not true for flat bar, which still needs to be drilled on the angle, requiring beveled washers.

**For 2" metal square tube, use the 232 Series.  
For 2-3/8" square tube, use the 224 Series.**

The tensioning device is respectively: a 2" Receiver for the 232 Series, and a 2-3/8" Receiver for the 224 Series, each of which install through the metal post on one end. A Pull-Lock® fitting of the same length is installed through the other end.



**Series 232 Kits**

	1/8" cable	3/16" cable
Cable Length	1½" or 2" Metal Post	1½" or 2" Metal Post
	PART NO.	PART NO.
5'	23205	23205-6
10'	23210	23210-6
15'	23215	23215-6
20'	23220	23220-6
25'	23225	23225-6

**Series 224 Kits**

	1/8" cable	3/16" cable
Cable Length	2-3/8" Metal Post	2-3/8" Metal Post
	PART NO.	PART NO.
5'	22405	22405-6
10'	22410	22410-6
15'	22415	22415-6
20'	22420	22420-6
25'	22425	22425-6
30'	22430	22430-6
40'	22440	22440-6
50'	22450	22450-6

### Tools needed for 232 and 224 Series:

5/32 drill bit if 1/8" cable, 7/32 if 3/16" cable  
29/64 drill bit for Receiver® and Pull-Lock® installation  
3/16 hex wrench for tensioning Receiver  
Cable cutting tool