

# Metal Posts \_\_\_\_\_ Inside-of-Post to Outside-of-Post Mount

## Straight Cable Runs up to 25 feet

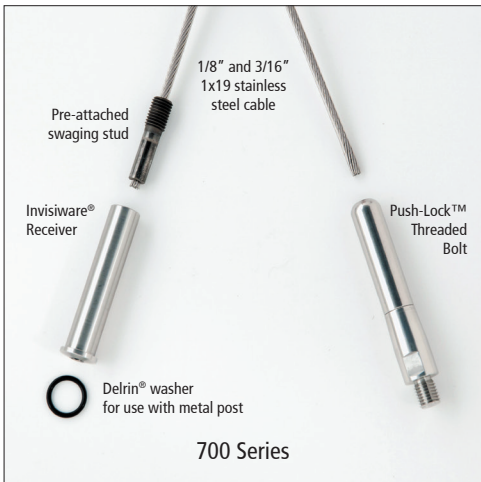
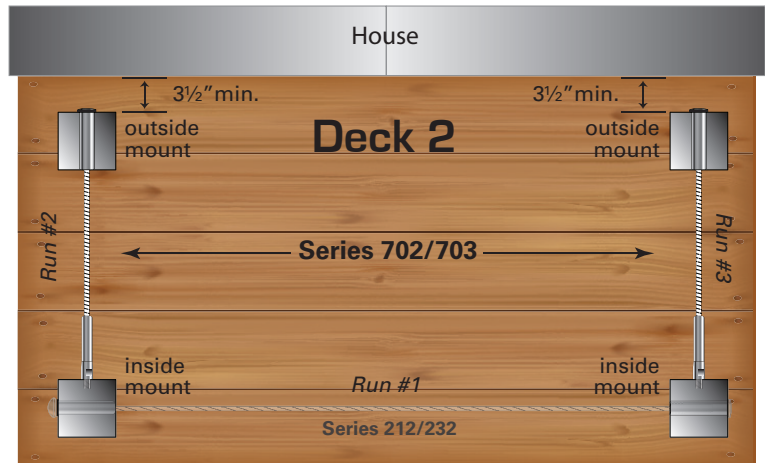
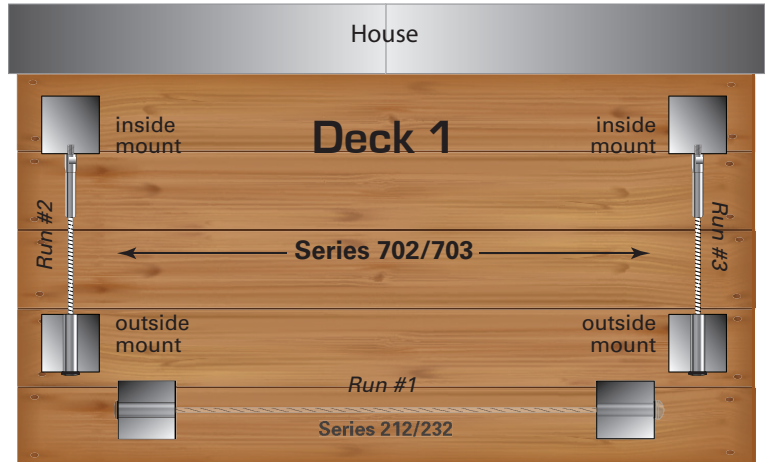
Deck 1 has dedicated end posts, but the posts next to the house are too close to access the back side of the posts. Run #1 is outside to outside, so it will take a Series 212 or 232 kit. However, for Runs #2 and #3, you will attach to the *inside* of the posts next to the house and run *through* the post at the other end.

Deck 2 has shared corner posts, but the posts next to the house are placed such that the back side of the posts are accessible, so for Runs #2 and #3, you will attach to the inside of the corner posts and run through the post next to the house.

**For 1½" posts, applicable kit is the 702 Series.**

**For 2" posts, applicable kit is the 703 Series.**

The tensioning device is a 1½" (or 2") long Invisiware Receiver, which installs through the metal post on one end. A Push-Lock Threaded Bolt is threaded into the other end.

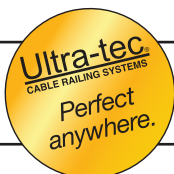


### Tools needed for 702 and 703 Series:

- 5/32 drill bit if 1/8" cable, 7/32 if 3/16"
- 29/64 drill bit for Receiver installation
- 3/16 Hex wrench for tensioning Receiver
- Cutting tap drill bit I (for pilot hole) and 5/16-24 tap for Push-Lock Threaded Bolt installation
- 7/16 wrench for tightening Push-Lock Threaded Bolt
- Cable cutting tool

Series 702 and 703 Kits

Cable Length	1/8" cable		3/16" cable	
	1½" metal post	2" metal post	1½" metal post	2" metal post
	PART NO.	PART NO.	PART NO.	PART NO.
5'	70205	70305	70205-6	70305-6
10'	70210	70310	70210-6	70310-6
15'	70215	70315	70215-6	70315-6
20'	70220	70320	70220-6	70320-6
25'	70225	70325	70225-6	70325-6



# Inside-of-Post to Outside-of-Post Mount \_\_\_\_\_ Metal Posts

## Cable Runs over 25 feet

Longer cable runs need more take-up in the tensioning device, so the 773 Series stands in for the 702 and 703 for long runs and cable runs through corners.

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.

Deck 3 illustrates how to go around a single corner up to 90° using the 773 kit; Deck 4 illustrates two corners.

### Applicable kit is the 773 series

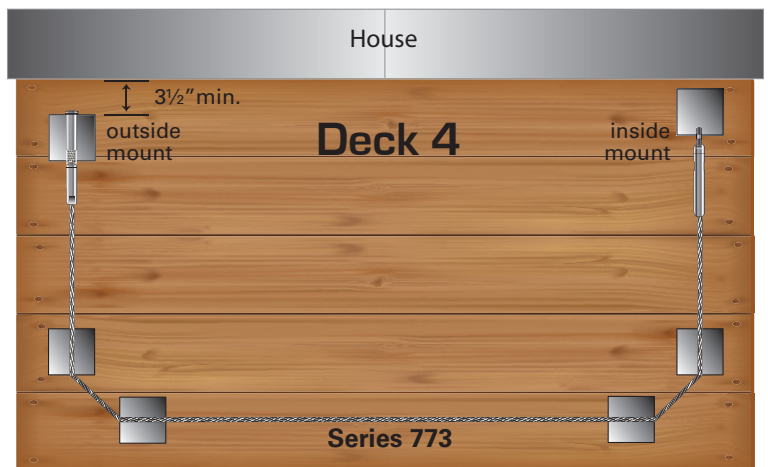
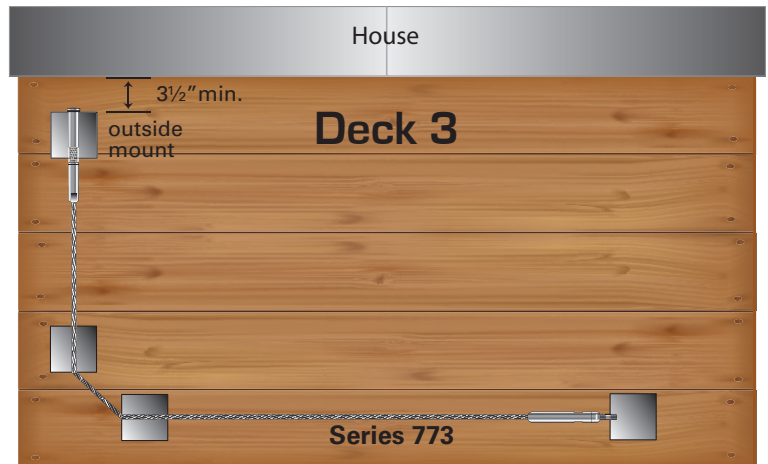
The tensioning devices are an Adjust-a-Body with Threaded Bolt, which threads into the metal post on one end, and a 1 1/2" long Receiver with Push-Lock Stud on the other end.



Cable Length	Series 773 Kits	
	1/8" cable PART NO.	3/16" cable PART NO.
30'	77330	77330-6
40'	77340	77340-6
50'	77350	77350-6
60'	77360	77360-6

### Tools needed for 773 Series:

- 5/32 drill bit if 1/8" cable, 7/32 if 3/16"
- 29/64 drill bit for Receiver installation
- 3/16 Hex wrench for tensioning Receiver
- Cutting tap drill bit I (for pilot hole) and 5/16-24 tap for Adjust-a-Body with Threaded Bolt installation
- 1/4 wrench for installing threaded bolt of Adjust-a-Body with Threaded Bolt
- 7/16 wrench for tensioning Adjust-a-Body
- 3/8 wrench for tightening Push-Lock Stud
- Cable cutting tool



### Tools needed for 401 and 471 Series (page 10):

- 5/32 drill bit if 1/8" cable, 7/32 if 3/16"
- Cutting tap drill bit I (for pilot hole) and 5/16-24 tap for threaded bolt installation
- 1/4 wrench for installing threaded bolts
- 3/8 wrench for tensioning Push-Lock Stud (471 Series only)
- 7/16 wrench for tensioning Adjust-a-Body (both series) and Push-Lock Threaded Bolt (401 Series only)
- Cable cutting tool



American Structures & Design Inc. - WA  
218 Stewart Rd. SE, Pacific, WA 98047  
P: 253-833-4343 F: 253-833-4545  
AmericanStructures.com

American Structures & Design Inc. - OR  
13444 NE Jarrett St. Portland, OR 97230  
P: 971-645-4201 F: 971-645-4212

