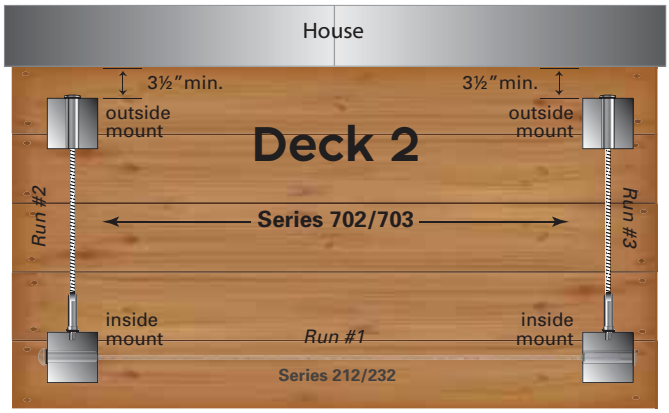
Face Mount to Through-the-Post Mount

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 through the post, so it will take a Series 212 or 232 kit. However, for Runs #2 and #3, you will attach to the *face* 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 *face* of the corner posts and run *through* the post next to the house.



For 1-1/2" metal square tube, use the 702 Series.
For 2" square tube, use 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" cable
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
3/8 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

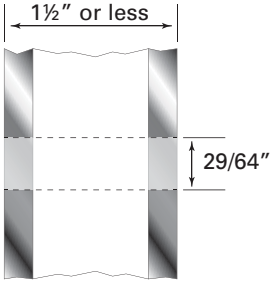
Kit 702 Series Installation Instructions for 1½" Metal Posts

A. Drill Posts

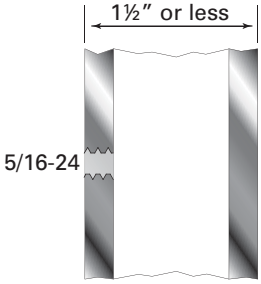
Hole sizes through intermediate posts and/or cable braces are:
For 1/8" dia. cable, dril 5/32" hole clear through intermediate posts.
For 3/16" dia. cable, drill 7/32" hole clear through intermediate posts.

End posts:

Drill 29/64" hole clear through Receiver tensioning end post.



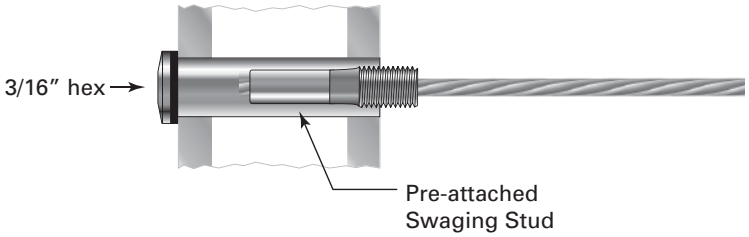
Drill and tap 5/16-24 threaded hole on the inside of the other end post for the Push-Lock® fitting.



All holes should be burr-free.

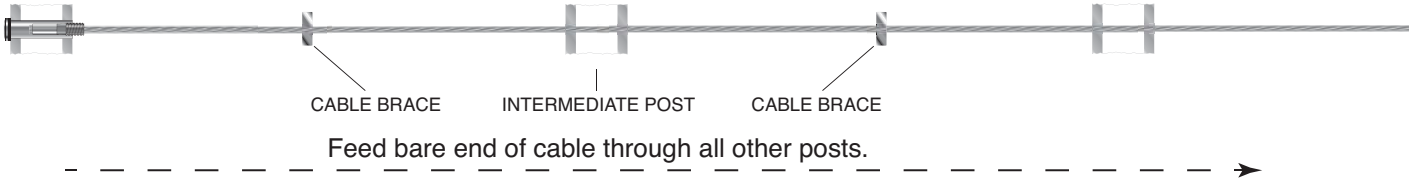
B. Install the Tensioning End

1. Slip the Delrin® washer over the body of the Receiver and insert the Receiver into the post.
2. Start the swaging stud attached to the cable into the Receiver and turn 2 complete turns. This will thread about 1/3 of the stud into the Receiver.



C. Feed Cable through Intermediate Posts

1. Feed the bare end of the cable through all your intermediate posts and through the end post where you will be installing the Push-Lock® fitting.



D. Feed/Crimp Cable through Corner Posts

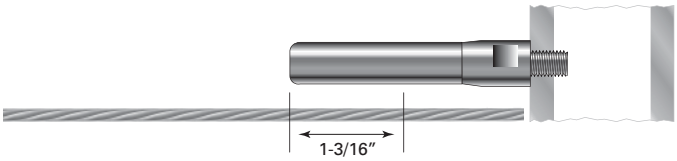
There is not enough take-up in the short Receivers used in this kit to properly tension the cable if used around corners. This kit is only recommended for use on straight runs.

E. Install Swageless Terminal

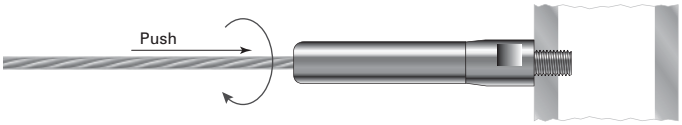
1. Start the Push-Lock® body threads into the pre-tapped post by hand.

2. Thread the Push-Lock® coupler onto the post and tighten with 7/16" wrench.

3. Pull the cable tightly along the side of the fitting and mark the cable 1-3/16" from the end of the fitting opposite the post. Mark and cut the cable on your mark.



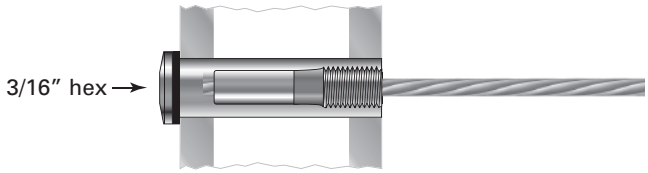
4. Push the cable into the hole in the fitting as far as it will go (approx. 1-1/16"). Twist the cable in a right hand direction as you push it into the fitting.



Note: *If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" —*
For Pull-Lock® or Push-Lock® fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock® or Push-Lock®, except use a 16d nail or another tool with 1/8" or smaller diameter. Anything larger than what is recommended can actually get stuck inside the fitting – NOT what you want!

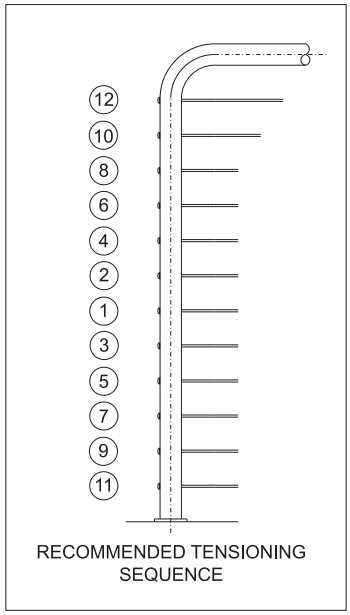
F. Tension Cables

1. Go to the other end and tension the cable by holding the cable securely to prevent it from turning while you turn the Receiver with a hex wrench. Be careful to protect the cable from damage while tensioning.



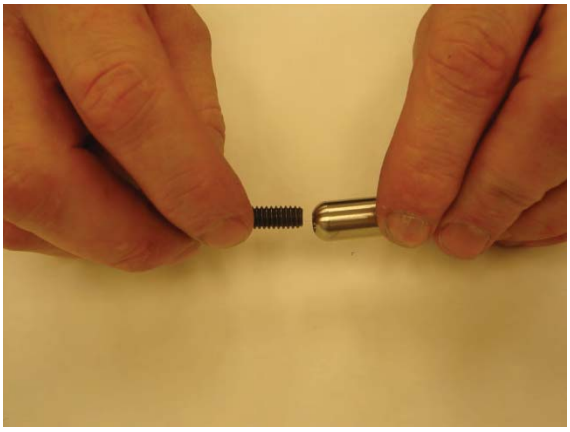
The swaging stud will be pulled into the Receiver by the tensioning.

2. Tension all cables in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence. Be aware that the cable may move as much as 3/16" toward the tensioning terminal as the wedges seat.



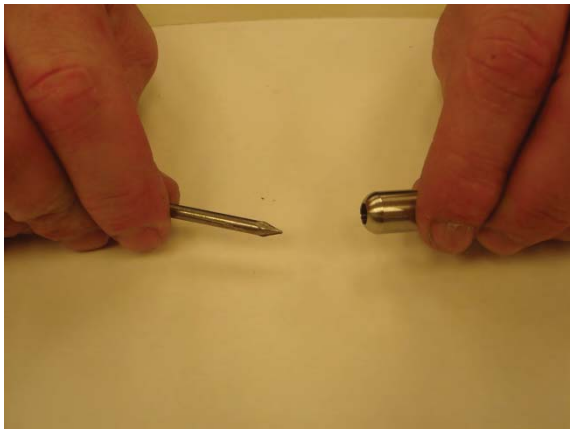
RECOMMENDED TENSIONING SEQUENCE

Occasionally, the wedges may settle into the push lock body and be difficult to move. This may impede cable installation if they are not freed first. To free the wedges, do the following:



Push Lock for 1/8” cable: use a PL-Key tool or a ¼” diameter fastener

Insert the tool into the hole and press until the wedges move freely



Push Lock for 3/16” cable: free the wedges using a 16d nail or another tool with a 1/8” or smaller diameter.