

Step-by-Step Installation

TOOL CHECKLIST

- Safety Glasses
- Work Gloves
- Pencil
- Measuring Tape
- Electric Drill
- Drill Bits
- Hammer
- Cable Cutters or Cut-Off disk
- Vise-Grip Pliers
- 7/16" Wrench
- Electric Grinder
- Hacksaw or Electric Reciprocating Saw
- Cable Lacing Needle



1 Mark drill hole locations on posts.

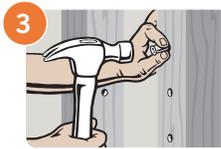
Note: space cables no more than 3 inches apart and have a post or vertical spacer at least every 3 feet. Also, straight runs of cable (no turns/dips) should not exceed 70 feet. Runs with corners (2 bends at most) should not exceed 40 feet. See page 7 for frame construction guidelines.



2 Drill holes in posts. Hole diameter depends on assembly size and type of fitting.

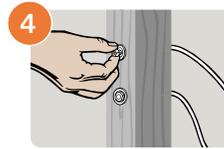
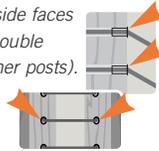
Assembly Size	Threaded Term. Post	Intermediate Posts	QuickConnect Post
1/8"	5/16"	1/4"	3/8"
3/16"	3/8"	1/4"	9/16"
1/4"	7/16"	5/16"	9/16"

If desired, Quick-Connect®SS posts may be through-drilled at 5/16" and then counter-bored with the recommended Quick-Connect®SS drill to countersink the fitting.



3 (Wood posts) Insert Protector Sleeves at necessary locations. Tap in until flush.

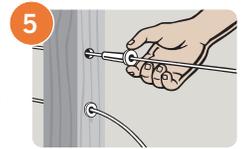
Protector Sleeves prevent abrasion at angled transitions on wood posts (e.g. stair transition posts or outside faces of double corner posts).



4 Insert the Threaded Terminal through the Terminal end post and attach a flat washer and Snug-Grip® Washer Nut. Spin the nut 3 full rotations. The threads will be very tight, so hold the shank of the Terminal with Vise-Grip pliers and turn the Washer Nut with a wrench.



Use Beveled Washers for stair termination posts with angled holes. Available for both Threaded Terminal & Quick-Connect®SS fittings.



5 Lace the free end of the cable through the intermediate posts and Quick-Connect®SS end post. Slide-on a flat washer and Quick-Connect®SS.

Use a Cable Lacing Needle to prevent snagging. See Tools page 5.

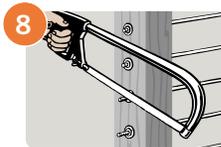


6 Hold the Quick-Connect®SS fitting with one hand and pull the cable tight with the other. The fitting automatically locks when you release the cable.



7 Tighten Washer Nuts until you can't flex the cables more than 4 inches apart using your thumb and fingers on one hand. Hold the Threaded Terminal shaft with Vise-Grip pliers while tightening.

Recommended cable tensioning sequence >



8 Saw off the excess threads as close to the Washer Nut as possible. Touch-up with electric grinder. The special Snug-Grip® threads help prevent the nut from loosening.



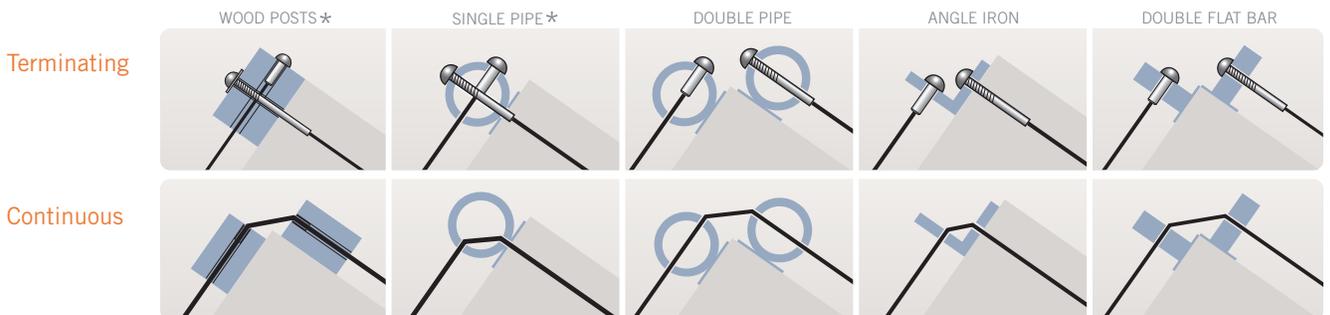
9 Use cable cutters or cut-off disk to trim the excess cable. Grind flush the exposed cable ends with an electric grinder.



10 Snap on end caps over the exposed Quick-Connect®SS fittings and the Washer Nuts. You're done.

Enviro-Magic® Cleaner can be applied for lasting protection of stainless steel cable and parts.

Cables can either terminate or run through corner posts



* Offset drill holes at least 1/2" if you choose to have cables terminating at a single wood or pipe post.