

## CABLE RAIL INSTALLATION GUIDE

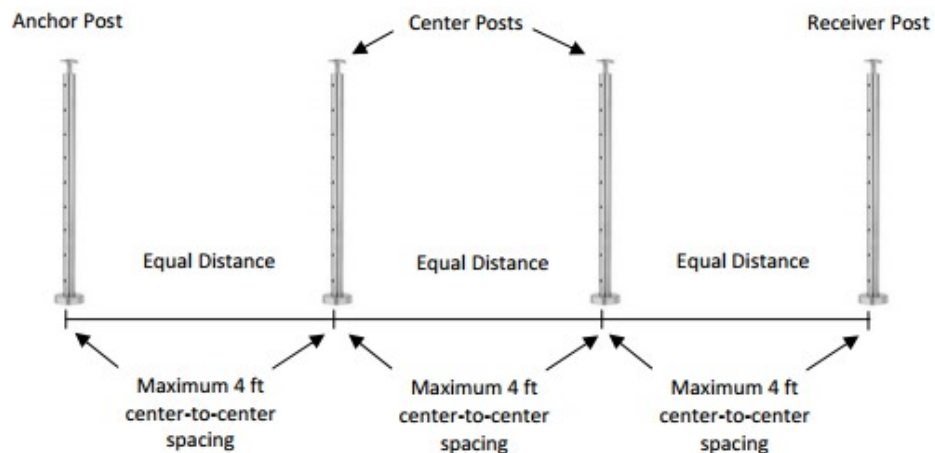
Building codes vary by city and county. Following the installation instructions detailed on this document does not necessarily ensure code compliance in all areas. Before beginning your project, be sure to consult your building department about local requirements for using and installing cable railings.

### TOOLS AND HARDWARE NEEDED:

<ul style="list-style-type: none"><li>• Pencil and paper</li><li>• Measuring Tap</li><li>• Electric Power Drill</li><li>• Drill Bits and Taps</li><li>• Cable Cutters or Cut-off Disk</li><li>• Vise Grip Pliers</li><li>• 7/16" Wrench</li></ul>	<ul style="list-style-type: none"><li>• Electric Grinder</li><li>• Hack Saw or Electric Reciprocating Saw</li><li>• Safety Glasses</li><li>• Work Gloves</li></ul>
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### STEP 1: *Layout, Space and Mount Prefabricated Posts*

- Measure rail lengths and space center lines of the prefabricated posts between 3 and 4 feet apart. Recommended maximum center-to-center spacing is 4 feet. Equal spacing from post to post allows for a better aesthetic.



- Mount posts to the floor or fascia. Use lag bolts for mounting to wood, machine screws with washers and nuts for mounting to steel and concrete anchors when mounting to concrete. The hole diameter on the flange and fascia mount bracket is 7/16": adequate for 3/8" bolts.

## **STEP 2: Cut and mount Handrail and Fittings, then install Cable**

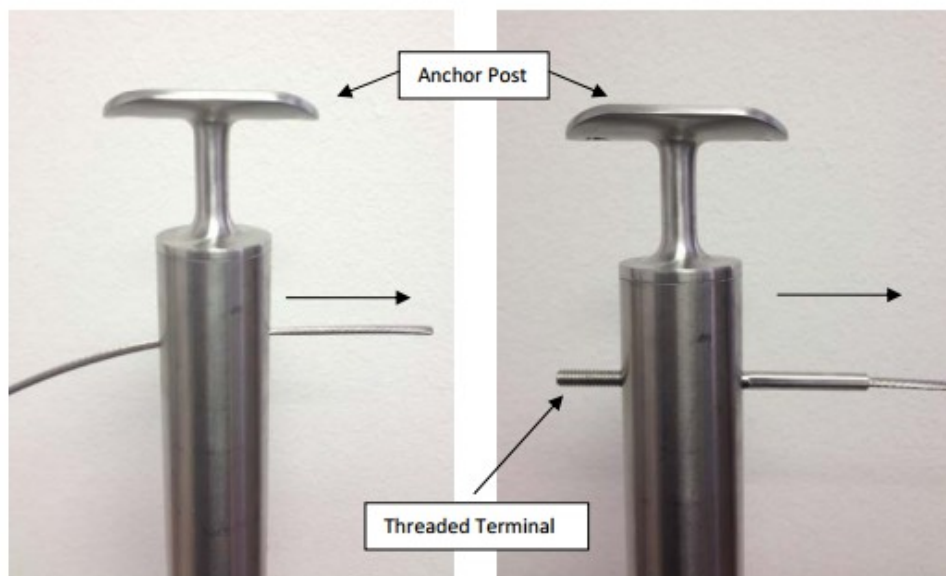
### **Handrail and Fittings**

- Place the handrail on the saddles and measure desired cut lengths with fittings in place. Mark the tube.
- Cut the tube to length using a cold saw, making sure the ends do not burn. Deburr the cut ends.
- Attach the handrail to the saddles using the supplied screws. Drill and tap holes in the desired locations and screw the saddle to the handrail.
- Attach the fittings to the tube using Loctite® 326 adhesive and Loctite® 7649 primer. If the fitting is a flange, attach using the hardware provided.

### **Cable**

All prefabricated posts come with pre-drilled holes to allow the cable assemblies to go through.

- Feed the cable through the anchor post with the free end of the cable (the end without the threaded terminal on it) pointing towards the receiver post.



- Attach washer and nut to the end of the threaded terminal.

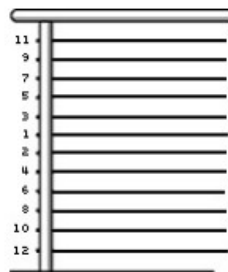


- Feed the end of the cable through the center post(s) and then the receiver post and finally through the Quick-Connect® receiver piece. Manually tighten the cable at the receiver end.



- Tighten the nuts on the threaded terminals starting with the cable closest to the middle and following this sequence. Use 7/16" wrench to tighten the

#### Recommended Cable Tensioning Sequence



- Anchor Post: Cut off the ends of the threaded terminals with a hack saw or cut-off disk.
- Receiver Post: Cut off excess cable with cable cutter or cut-off disk.
- Anchor and Receiver Posts: Add decorative end caps.