ATTENTION:

It is the installer's responsibility to verify that the installed system complies with all local building codes.

Angled Sections:

Follow the same instructions as for straight runs. Cable will flex as it exits the Bullet. Be sure to align Bullets so the set screw is accessible relative to the angled cable. If stair treads or handrails make it difficult to install Bullets, install them prior to setting the posts.

INSTALLATION INSTRUCTIONS

COMPOSITE OR VINYL SLEEVED WOOD POSTS

End posts must be braced top and bottom and be sized to support 10 or 11 cable runs at 200 lbs each (2,000–2,200 lbs overall). Intermediate support posts should be spaced no more than 42” apart. End posts should be spaced no more than 20’ apart. Cable runs should be spaced no more than 3” apart.

1 ATTENTION:

It is the installer’s responsibility to verify that the installed system complies with all local building codes.

2 IMPORTANT: If there’s a gap between the sleeve and post, shim the sleeve on the side(s) that the Bullets will be installed on to avoid accidentally compressing the sleeve during installation.

3 Mark each Bullet A location along the first post sleeve. To avoid alignment issues set the top and bottom Bullet B before drilling sleeve or post holes for the remaining Bullets.

4 Starting at the top mark, drill a 5/8” hole through the post sleeve only 2a, then drill a 3/16” hole centered on the post sleeve hole into the wood post 2b (if the wood post is particularly soft, drill a 1/2” hole). The appropriate depth may vary based on the size of the post, your sleeve, and the Bullet size.

5 Use Bullet Driver E to screw Bullet A and fitted steel cover ring G into the post.

6 Drill a 3/16” hole for each cable through the intermediate posts.

7 Thread the first cable through the intermediate post(s).

8 Place one lobed washer C and sleeve B on the cable end. Crimp the sleeve flush with the cable end using the crimping tool.

9 Insert the crimped end and lobed washer C into Bullet A and use Allen wrench F (or Hex Socket Power Bit and drill/driver) to start the set screw D until flush with the Bullet face.

10 Pull the cable tight to the opposite Bullet. Cut the cable to 1” longer than the face of the Bullet. Repeat steps 7 & 8 to secure.

11 Repeat steps 6–9 until all cable runs are set.

12 Once all cable runs are in place, advance set screws D to tension each cable individually. Start tensioning from the inner most cable outwards as shown.

NOTE: Bullet should thread into the wood post, not the post sleeve. The rubber O-ring allows contact between the Bullet and sleeve without applying excessive pressure. This allows for thermal expansion and contraction of the post sleeve. The steel cover ring adds a clean finished look.

IMPORTANT: If there’s a gap between the sleeve and post, shim the sleeve on the side(s) that the Bullets will be installed on to avoid accidentally compressing the sleeve during installation.

NOTE: If there’s a gap between the sleeve and post, shim the sleeve on the side(s) that the Bullets will be installed on to avoid accidentally compressing the sleeve during installation.

6 Repeat steps 1–3 for the bottom Bullet, then for all remaining Bullets. Repeat for each end post.

7 Repeat steps 6–9 until all cable runs are set.

8 Once all cable runs are in place, advance set screws D to tension each cable individually. Start tensioning from the inner most cable outwards as shown.

9 Insert the crimped end and lobed washer C into Bullet A and use Allen wrench F (or Hex Socket Power Bit and drill/driver) to start the set screw D until flush with the Bullet face.

10 Pull the cable tight to the opposite Bullet. Cut the cable to 1” longer than the face of the Bullet. Repeat steps 7 & 8 to secure.

11 Repeat steps 6–9 until all cable runs are set.

12 Once all cable runs are in place, advance set screws D to tension each cable individually. Start tensioning from the inner most cable outwards as shown.

13 Insert the crimped end and lobed washer C into Bullet A and use Allen wrench F (or Hex Socket Power Bit and drill/driver) to start the set screw D until flush with the Bullet face.

14 Pull the cable tight to the opposite Bullet. Cut the cable to 1” longer than the face of the Bullet. Repeat steps 7 & 8 to secure.

15 Repeat steps 6–9 until all cable runs are set.

16 Once all cable runs are in place, advance set screws D to tension each cable individually. Start tensioning from the inner most cable outwards as shown.