Tensioned Cable Estimate Worksheet

The following estimating standards will help you find the proper quantities of cable and cabling hardware needed when installing Nixalite® bird netting with a tensioned perimeter and support cable system. **Before using this worksheet** you must have accurate dimensions of the areas to be protected with bird netting. For planning steps, see the Planning A Bird Net Installation brochure from Nixalite®.

### Net Cable:
- 250 foot spool = 225’ of installation.
- 500 foot spool = 450’ of installation
**NOTE:** Coverage is always less than spool capacity due to extra cable used for cable connections.
**NOTE:** include any support cable footage in your totals. Nixalite does not break spools or cut cable to length.

**Maximum continuous cable length:**
- 25 feet with small turnbuckles.
- 50 feet with medium & large turnbuckles.

### Connection Hardware:
Hardware used to fasten the cable to corner hardware (large eye bolts or screw eyes) and turnbuckles.

**Hardware needed for each connection:**
- **Ferrules:** 2 each. For cable runs UP TO 25 feet long.
- **Wire Rope Clamps:** 2 each. **REQUIRED** for cable runs of 25’ to 50’. **Optional** for cable runs less than 25’.
- **Nixalite recommends clamps for all connections.**
- **Thimbles:** 1 per connection. **REQUIRED** for wire rope clamp connections. **Recommended** for ferrule connections.

### Turnbuckles:
There is ALWAYS one turnbuckle per run of cable. NEVER go around a corner or curve without adding a turnbuckle to the estimate.

**Note:** Add 1 Turnbuckle for every support cable.

**Maximum Distance Between Turnbuckles:**
- Small Turnbuckles: **25 feet.**
- Medium & Large Turnbuckles: **50 feet.**

### Corner Hardware:
**Maximum Spacing:** 50 feet.
NEVER go around a corner or curve without adding additional corner hardware. Match the installation surface to the proper hardware.

**Side Note:** Add 2 corner hardware sets for every support cable.
- **Wood:** Large screw eyes.
- **Masonry:** Large eye bolts with screw anchors.
- **Sheet Metal:** Large screw eyes (**NOTE 1**).
- **Steel & Iron:** Large eye bolts with hex nuts.

### Cable Guide Hardware:
Used to guide the cable between the corner hardware. Choose guide hardware that best suits the application.

**Maximum Spacing:** 2 feet.
- **Wood:** EZClip, small screw eyes, and sidewinders.
- **Masonry:** EZClip, cotter pin/anchor, small eyebolts with screw anchors, and sidewinders.
- **Sheet Metal:** EZClip, small screw eyes, and sidewinders (**see note 1**).
- **Steel & Iron:** EZClip, small eye bolts with hex nuts, sidewinders, flange clips.

### Net Rings:
2,500 count boxes. **We do not break boxes.** Do not used Net Rings directly on PollyNet. Use Poly Clips - see Poly Hardware Installation Sheet (from Nixalite). Recommended Net Ring Usage:

**Use one Net Ring for each netting mesh.**
- Cable attachment: **1 ring / mesh.**
- Seams: **1 ring / mesh** (on both sides of seam).
- Zippers: **1 ring / mesh** (on both sides of zipper).

**Note 1:** Usage depends on thickness of sheet metal. Thick sheet metal may require an eyebolt with nut.

See the back of this page for Cable Installation Guidelines and Examples.