

INSTALLATION ACCESSORIES AND INSTRUCTIONS

When installing MaxCell, two requirements are very important:

- **Swivels must always be used**
- **The factory installed 1250 lb pull tapes must free-float during installation.**

INSTALLATION INSTRUCTIONS FOR SINGLE-PACKS

Step 1

Make a 2" incision through the MaxCell, 18" from the end. This incision should be parallel to the product and made 1/2 inch from the colored stitch edge of the product.



Step 1

Step 2

Pull out all pull tapes through this incision and cut off excess. Push remaining ends of pull tape back into the cells. The tapes must be pushed back far enough into cells, so that they free float during installation.



Step 2

Step 3

Tie a 6-foot piece of pull tape or rope through incision. Secure with non-slip knot.



Step 3

Step 4

With the tied on pull tape or rope, create 3 to 4 half-hitch knots down to the end of the MaxCell. The longer the pull, the more half-hitch knots are recommended. Under tension, tighten the half-hitch knots in succession, beginning with closest to the incision. Apply black vinyl tape over last two half-hitch knots and end of MaxCell.



Step 4

Step 5

Tie the end of the exposed pull tape to a swivel using a non-slip knot. Tie the end of the pull tape or rope from the conduit to other end of the swivel.



Step 5

Step 6

Begin pulling MaxCell into the conduit. To further ensure the MaxCell does not spiral during installation, hand guide the MaxCell into the conduit opening, and maintain the angle and face of the MaxCell pack throughout duration of installation.

INSTALLATION INSTRUCTIONS FOR MULTIPLE PACKS

Step 7

Repeat steps 1 and 2 above for as many individual MaxCell "packs" being installed.

Step 8

Tie a 6-foot piece of pull tape or rope to all MaxCell sleeves, and create your 3-4 half-hitch knots around all the sleeves at one time. All tapes should be free floating. Note: It is recommended that the center MaxCell sleeve in a 3-way pull be aligned 1/2 turn coming off the reel so that the color stitching is opposite the top 1/2 bottom sleeve.



MXCIK11

Step 9

Begin pulling the MaxCell packs in. For best results, hand feed the packs into the conduit, keeping them together and faced the same way through the entire pull.

INSTALLATION KITS

The MaxCell Group has over twenty years of experience in installing cable in the network construction industry. Since 1999, we have developed proven installation techniques specifically designed for MaxCell. The installation kits below are cost effective, reusable, and tested to be the most efficient means for MaxCell installations.

MXCIK11

This kit is a single 1800lb swivel with an outside diameter of .875" and is designed for use in installing a single and multiple packs of our MaxCell product.

MXCIK21

This kit contains (3) 1800lb swivels with an outside diameter of .875" each and (1) 2-way chain harness. This kit is designed for installing single or multiple packs of MaxCell attached to (1) swivel and a rope, tape or cable attached to a second swivel. The 3rd swivel acts as a parent swivel that attaches the main pull line to the chain harness. This kit allows for different products to be placed simultaneously with the MaxCell product while helping to reduce the number of twists in the conduit structure.



MXCIK21

MXCIK31CH

This kit contains (4) 1800lb swivels with an outside diameter of .875" each and (1) 3-way chain harness. This kit is designed for installing single or multiple packs of MaxCell attached to (1) swivel while the 2nd or 3rd swivel can be attached to either a rope, tape and/or cable. The 4th swivel acts as a parent swivel that attaches the main pull line to the chain harness. This kit allows for the installation of a rope or 2 cables to be placed simultaneously with the MaxCell product while helping to reduce the number of twists in the conduit structure.



MXCIK31CH

Applications commonly require these kits to be augmented with additional product. To support these requirements, the following kit components are also offered as stand alone parts.

- MXCSW. A single 1800lb swivel with an outside diameter (OD) of .875"
- MXC2CH. A 2-way chain pulling harness
- MXC3CH. A 3-way chain pulling harness

In addition, MaxLube pulling lubricant is recommended for all installations to further reduce pulling tensions.