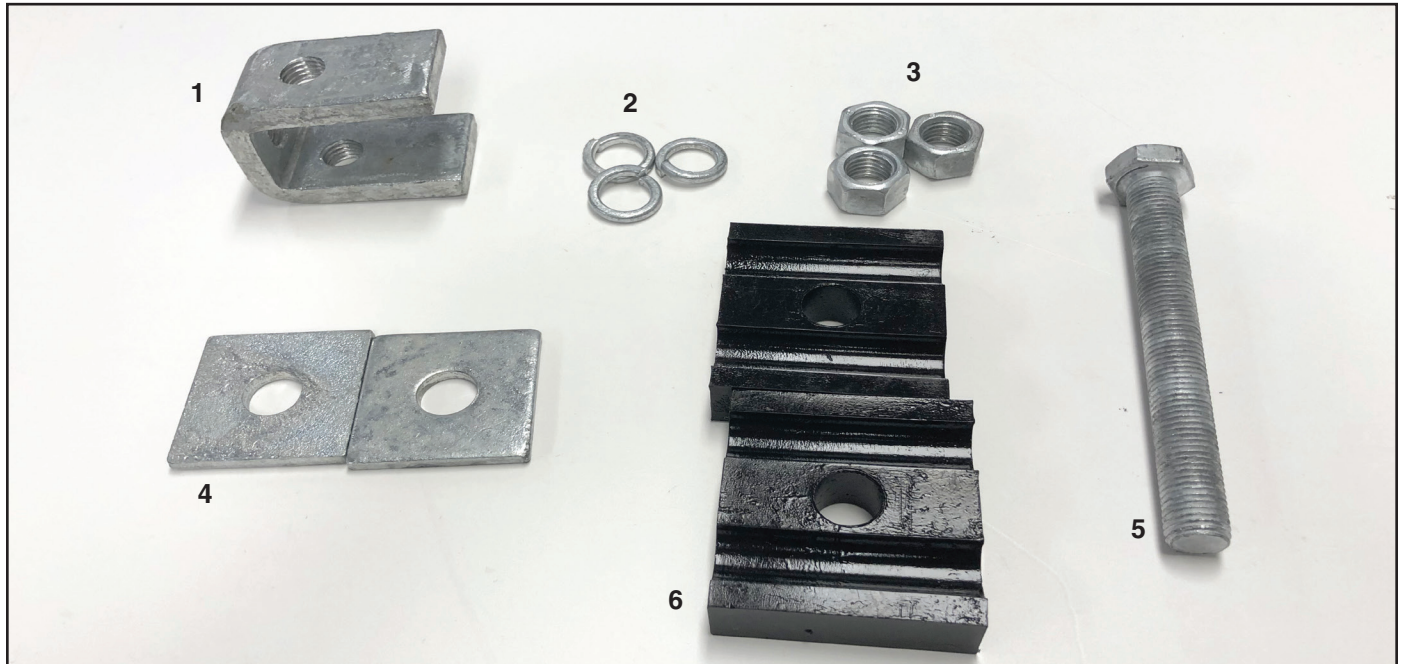




## FIBERLIGN® Metal Pole/Lattice Clamp (MP/LC)

Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED™ product before application.



### NOMENCLATURE

The nomenclature image above depicts the contents of catalog number 710015838, as well as the Downlead Cushion is sold separately.

1. C-Clamp (1)
2. Lock Washer, M16 (3)
3. Hex Nut, M16 (3)
4. Square Washer, 2" sq. (2)
5. Hex Head Bolt, M16 x 140 mm (1)
6. FIBERLIGN® Downlead Cushion Kit (not included, sold separately).

**NOTE:** Metal poles can have factory welded metal clips to attach various equipment. The MP/LC is designed to fit metal clips (sometimes referred to as ladder clips) with an opening for 1.5" wide by 0.5" thick (see Step 3).

### TOOLS REQUIRED

- Wrenches

### Step #1

### Lattice Tower Clamp Application

Pre-assemble parts loosely in the extended mount or flush mount configuration as shown. (Figures 1A & 1B)

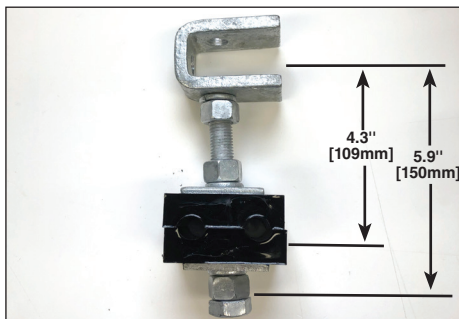


Figure 1A - MP/LC Extended Mount Position

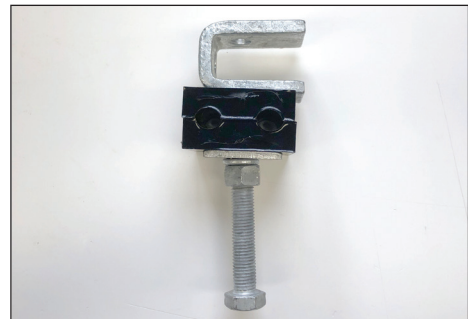


Figure 1B - MP/LC Flush Mount Position

**Step #2** Slide the C-clamp onto the tower leg. The C-clamp can accept tower legs up to 1.13" (29mm) maximum thickness.

**Step #3** Tighten the M16 bolt first to mount the C-clamp onto the tower leg. Torque bolt to 30ft-lbs.

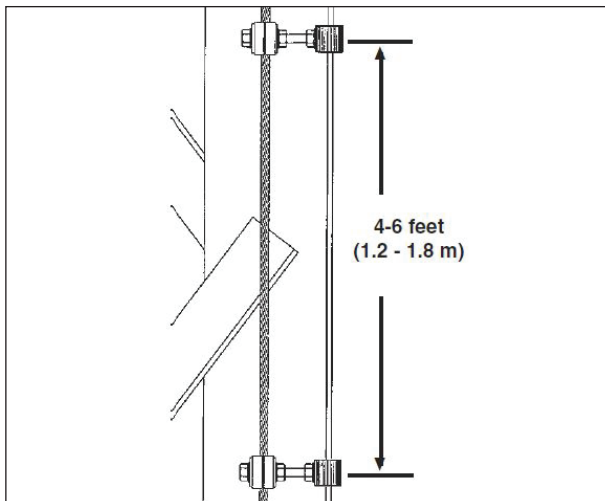
**Caution:** For extended mount applications, verify that the nut located nearest the C-clamp is spaced away from the clamp before tightening the M16 bolt. Otherwise, the nut may prevent the bolt from gripping the tower leg.

**Step #4** Slip the ADSS or OPGW downloads one at a time into the FIBERLIGN® Downlead Cushion grooves.

**Step #5** Tighten the nuts against the downlead cushion until the lock washers are flat against the square washers. Make sure that the bolt remains tight against the tower.

**Step #6** For the extended mount, tighten the remaining nut against the C-clamp until the lock washer is flat. Use a wrench to hold onto the bolt head during this step.

**Step #7** Position the lattice tower clamps along the structure as required, typically 4 to 6 feet (1.2-1.8 meters) apart. (Figure 2)



**Figure 2 - Typical Position on Tower**

## Metal Pole Application (Metal Clip Interface)

**Step #8** Pre-assemble parts loosely in the extended mount or flush mount configuration as shown. (Figures 1A & 1B)

**Step #9** Slide one end of the C-clamp into the welded metal clip opening (Figure 4).



**Figure 3 - MP/LC Installed on Metal Clip**

**Step #10** Follow steps #3-6 from the previous application.

**Step #11** Position the MP/LC in the factory installed metal clips with spacing approximately 6' apart.

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## **SAFETY CONSIDERATIONS**

This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual.

**FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN PERSONAL INJURY OR DEATH.**

**Do not modify this product under any circumstances.**

This product is intended for use by trained technicians only. **This product should not be used by anyone who is not familiar with, and not trained to use it.**

When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact. Be sure to wear proper safety equipment per your company protocol.

For proper performance and personal safety, be sure to select the proper size PREFORMED™ product before application.

PREFORMED products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.



# **PREFORMED** LINE PRODUCTS

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