

Coaxial Cable Installation Accessories

Hoisting Grips for Coaxial Cable and Elliptical Waveguide

READ ALL WARNINGS AND INSTRUCTIONS BEFORE INSTALLATION

WARNING

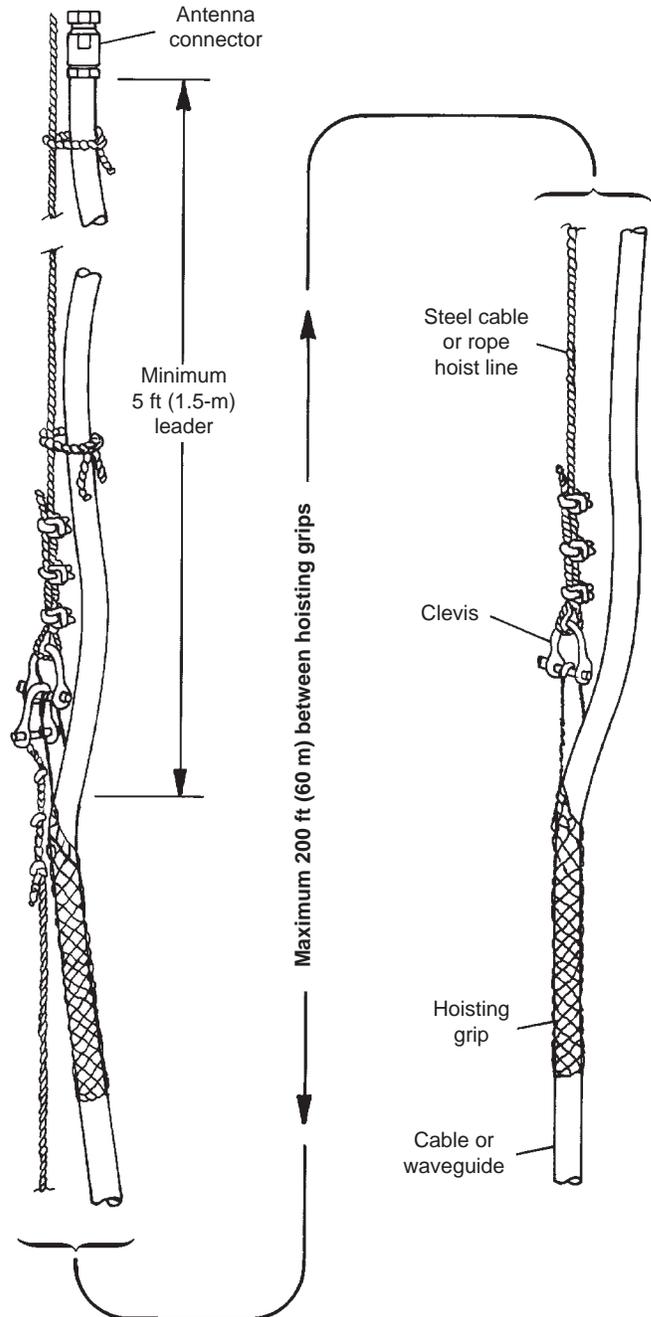
The following warnings alert you to possible dangers in misusing this product. Failure to obey a warning may result in injury or death to you or to others.

- Do not use one hoisting grip for hoisting two or more cables or waveguides. This can cause the hoisting grip to break or the cables or waveguides to fall.
- Do not use the hoisting grip for lowering cable or waveguide. Snagging of the cable or waveguide may loosen the grip and possibly cause the cable or waveguide to sway or fall.
- Do not reuse hoisting grips. Used grips may have lost elasticity, stretched, or become weakened. Reusing a grip can cause the cable or waveguide to slip, break, or fall.
- Use hoisting grips at intervals of no more than 200 ft (60 m).
- Make sure that the proper hoisting grip is used for the cable or waveguide being installed. Slippage or insufficient gripping strength will result if you are using the wrong hoisting grip.

Description

Hoisting grips are designed for hoisting cable or waveguide safely up a monopole or other tower so that mechanical connection to an antenna can be made. The grip is split and must be laced together on the cable or waveguide.

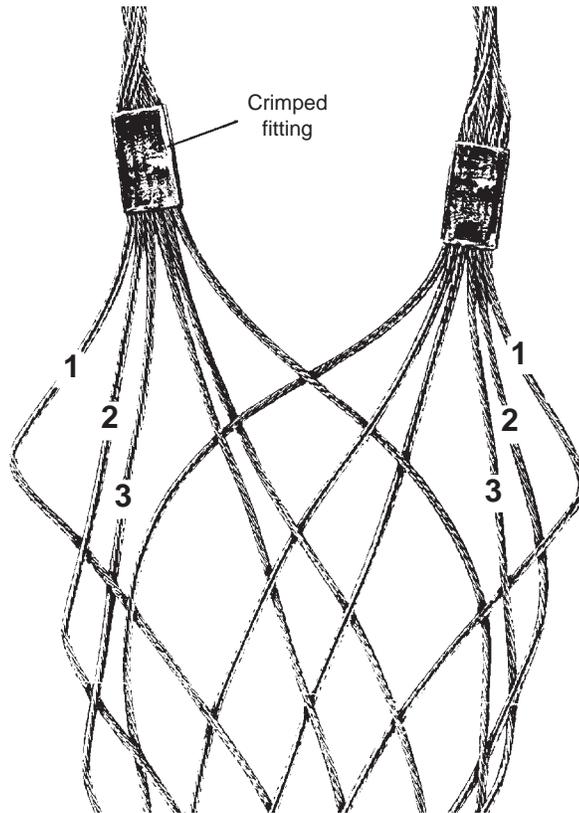
When the cable or waveguide is in position and fastened to the tower members, the hoist line can be removed. The hoisting grip may then be either attached to the monopole or other tower as additional support for the cable or waveguide or removed.



- 1 Place the hoisting grip at the proper location on the cable. Allow a sufficient length of cable or waveguide leader between the connector and the grip to reach the antenna input when hoisting is completed.

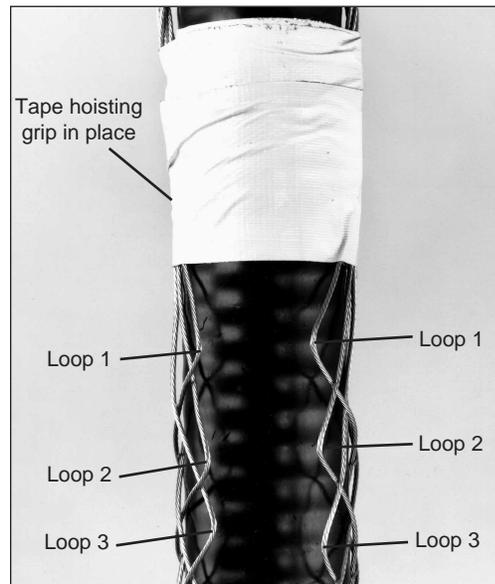
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Identify the first three loop pairs to be laced at the crimp fittings. Make sure that the loops are not tangled. *It is important that the loop pairs are correctly matched to ensure maximum gripping strength.*



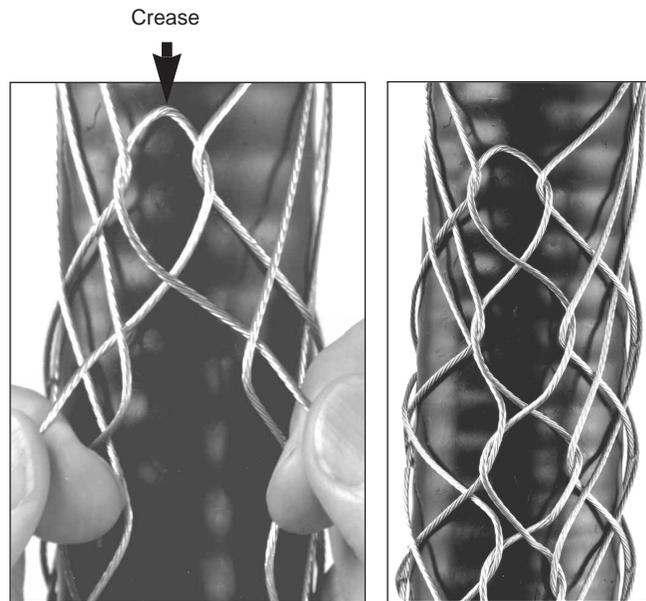
3

Tape both crimped fittings to the cable or waveguide. this will align the loop pairs of the hoisting grip and aid in lacing.



4

Fold the lace in half to form a crease at the center. Starting at the top, pass the lace through the first loop pair so that the crease is between them.



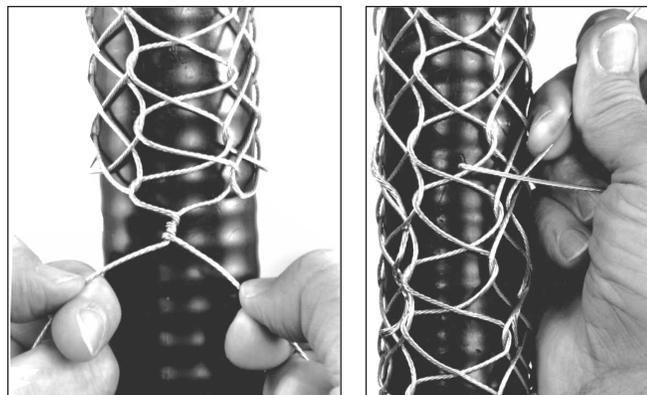
5

Continue lacing so that the seam is straight and the lace is pulled so that the space between both sides of the seam is no greater than the spaces of the mesh next to the loop. **Do not skip any loop pairs of the grip when lacing;** this will weaken the hoisting grip. *The grip can be compressed from bottom to top to simplify lacing.*



6

Tightly twist the lacing together several times at the end of the seam. Wrap the lace around the hoisting grip, twist it together, and thread the remainder of lace through the grip. **Do not tie knots or hitches with the lace because they will not hold.**



7

IMPORTANT: First, remove the tape from the top of the hoisting grip. Then, place both hands firmly around the bottom of the grip and slide them upward to the top. This pulling action removes slack throughout the grip. Do this twice. *Taping the bottom 3" (76 mm) of the grip will help prevent slippage.*

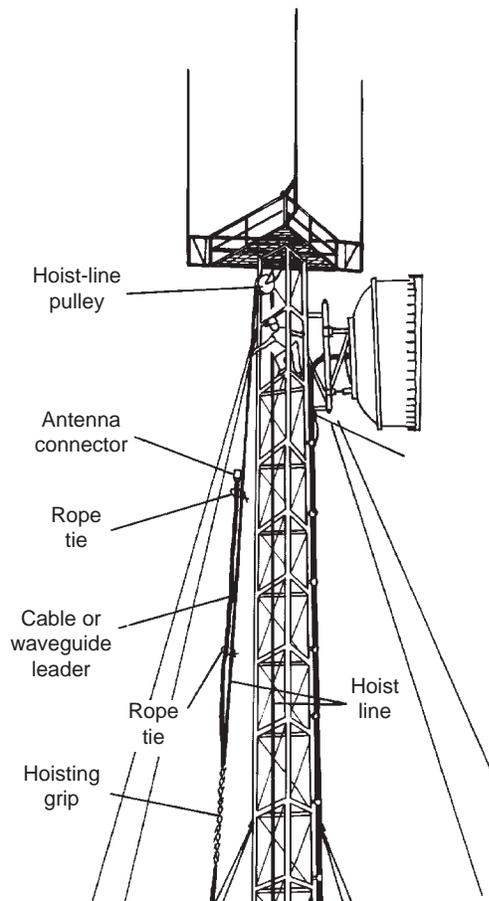


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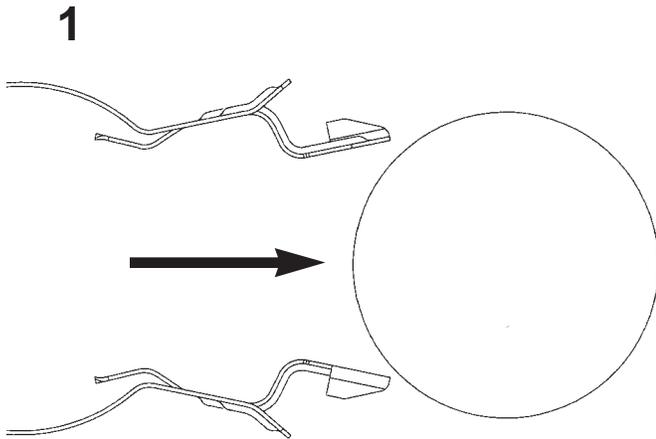
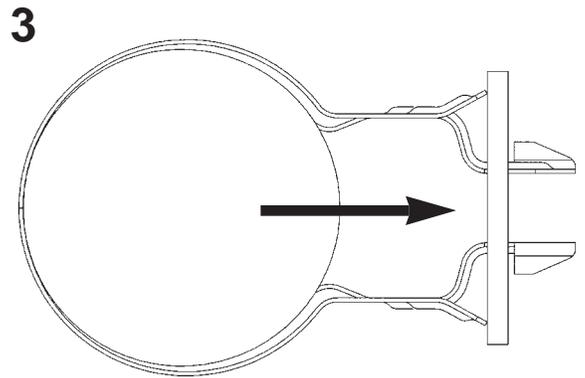
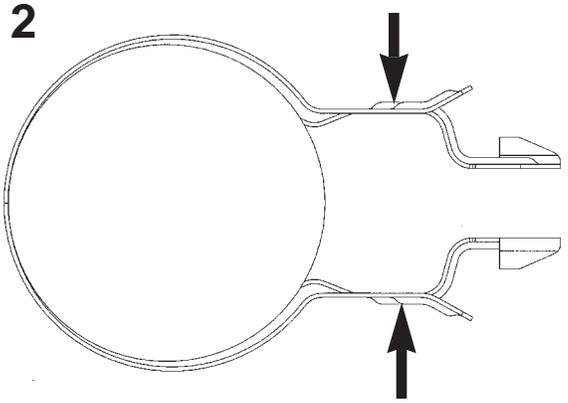
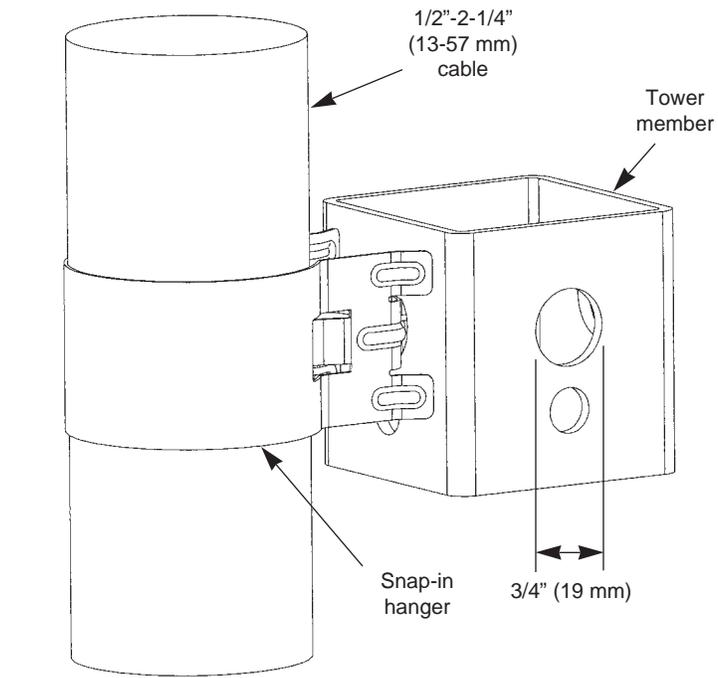
Attach the hoist line to the grip. Tie the cable or waveguide leader to the hoist line so that the leader does not dangle. Apply tension slowly to the hoist line to allow the hoisting grip to tighten uniformly on the cable or waveguide.

WARNING

Maintain tension on the hoisting grip during hoisting. Loss of tension can cause dangerous movement of the cable or waveguide and result in injury or death to you or others on or near the monopole or other tower. Also, do not release tension on the grip until after the cable or waveguide has been fastened to the tower members.

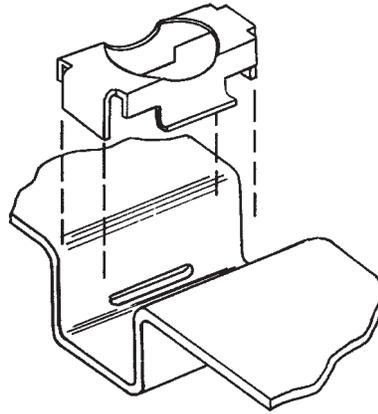


Snap-in Cable Hangers

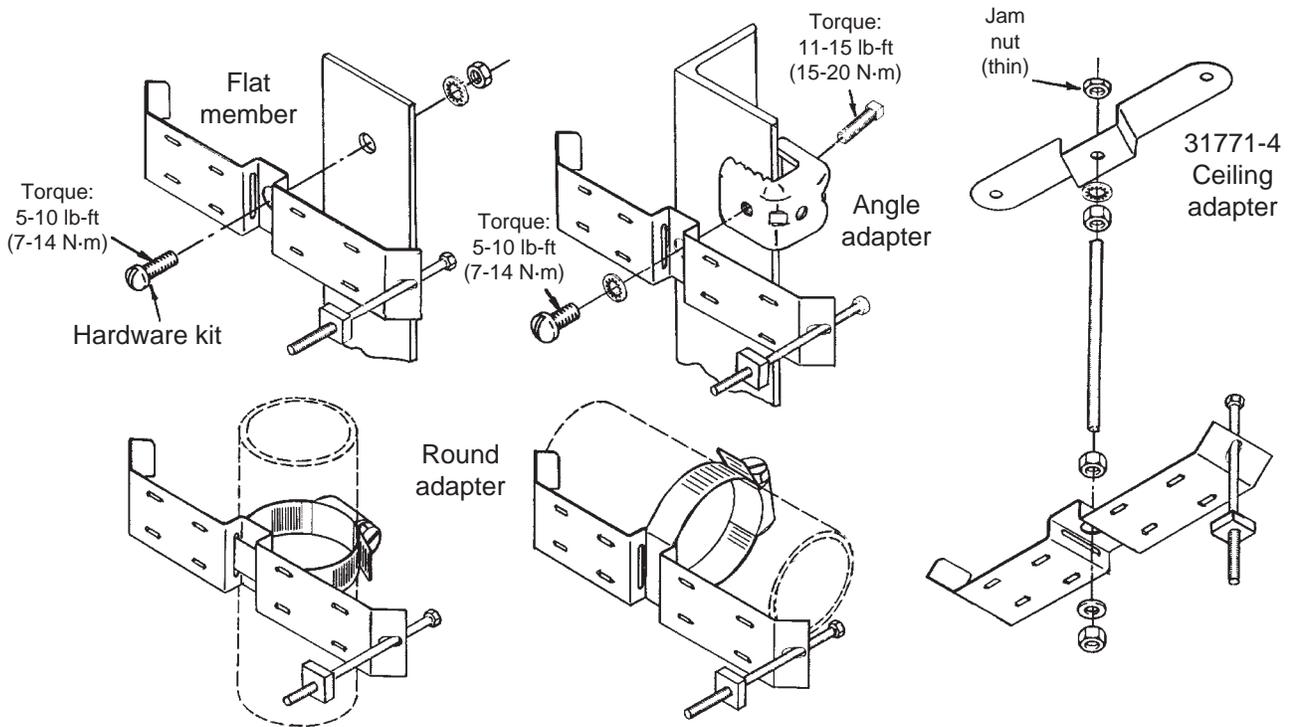


Hanger Kits for Coaxial Cable and Elliptical Waveguide

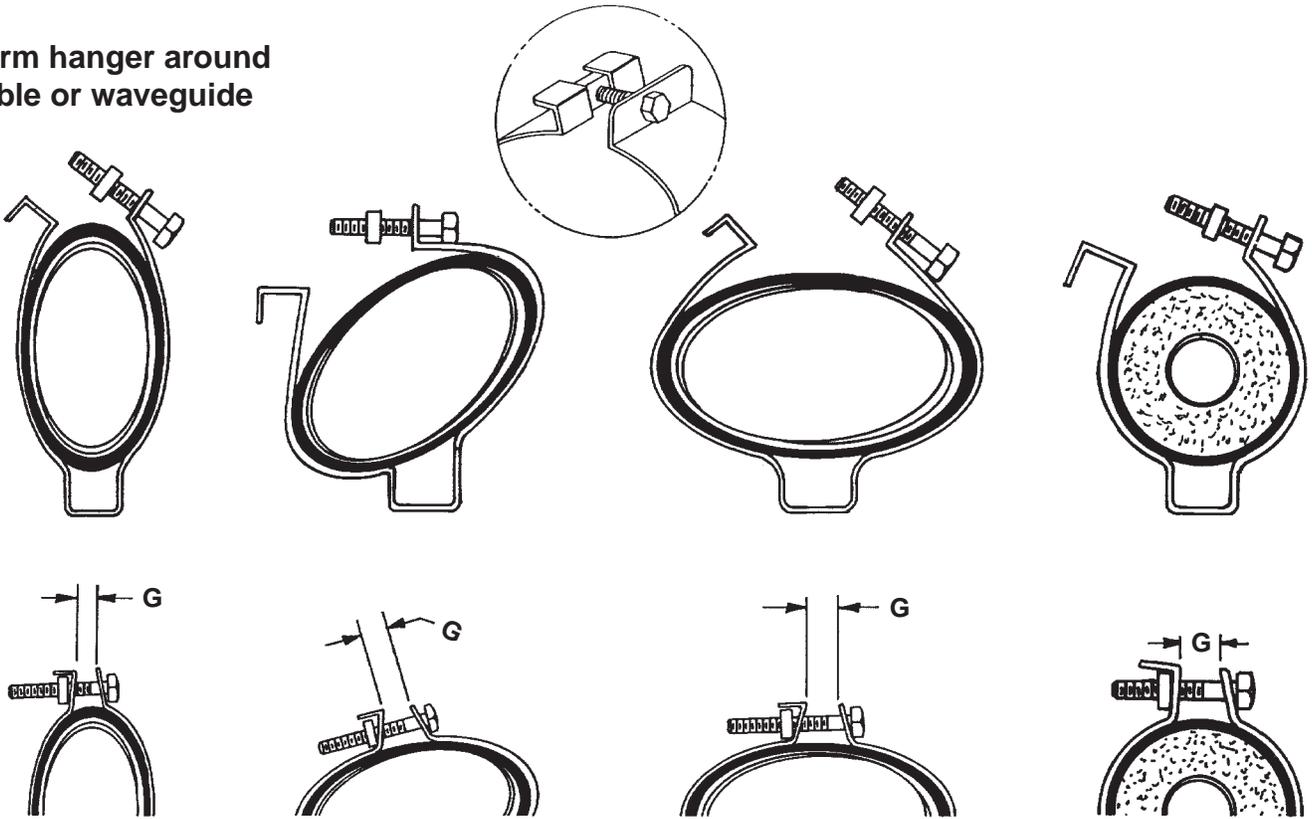
Add support bracket to hanger for cable or waveguide smaller than 1-1/2" (38 mm)



Attach hangers to support structure



Form hanger around cable or waveguide

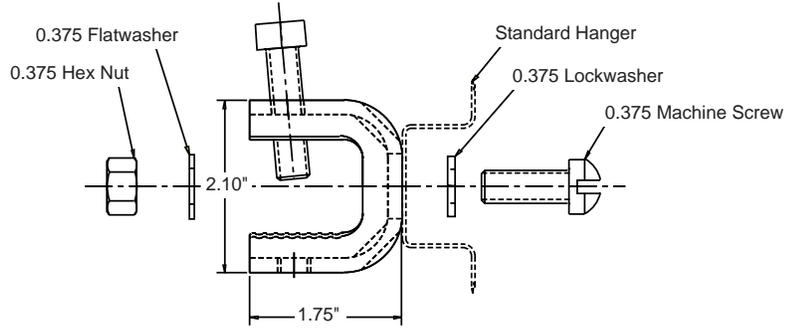
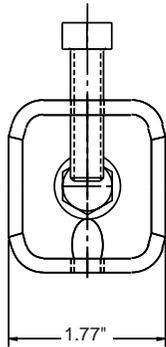
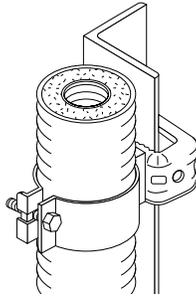


Squeeze locking tabs together, slip nut under opposite tab, and tighten bolt until gap G is 5/16" (8 mm)

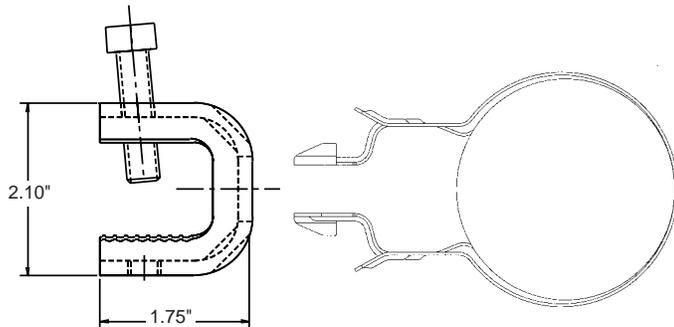
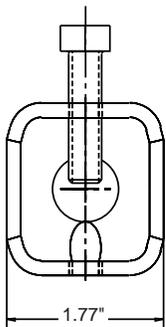
Angle Adapters

Description

These adapters are designed for mounting 1/2" to 1-5/8" cable hangers to angle tower members and include hanger attachment hardware.

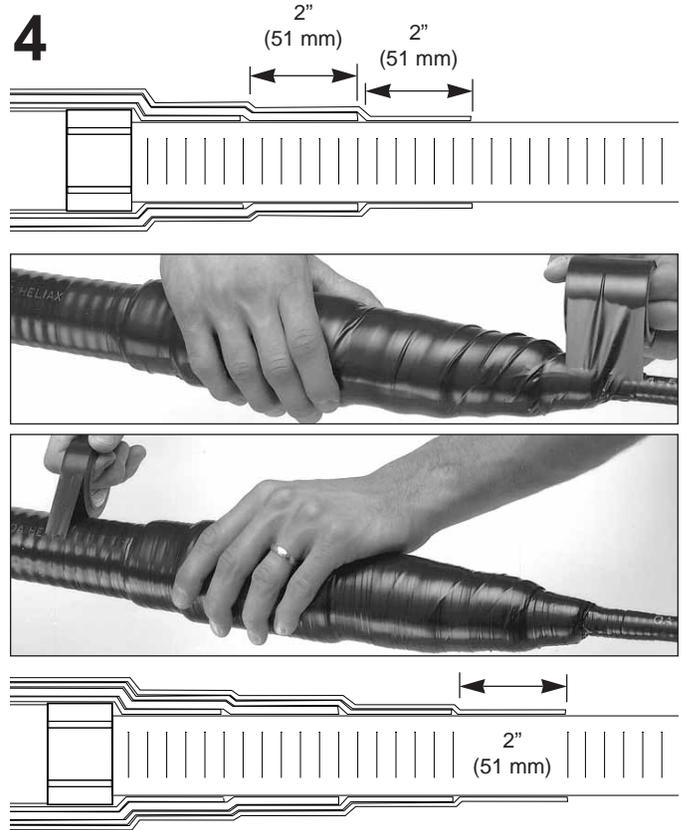
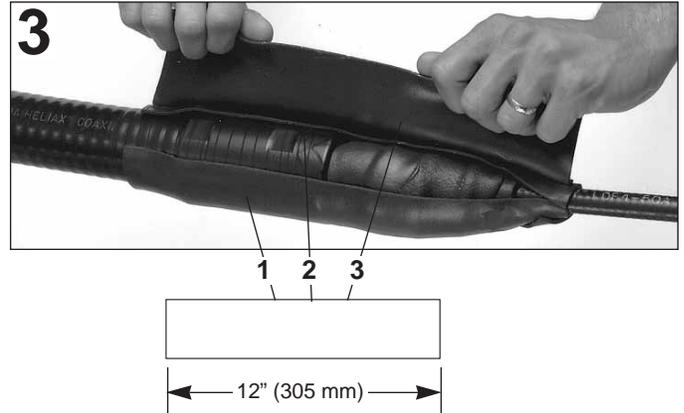
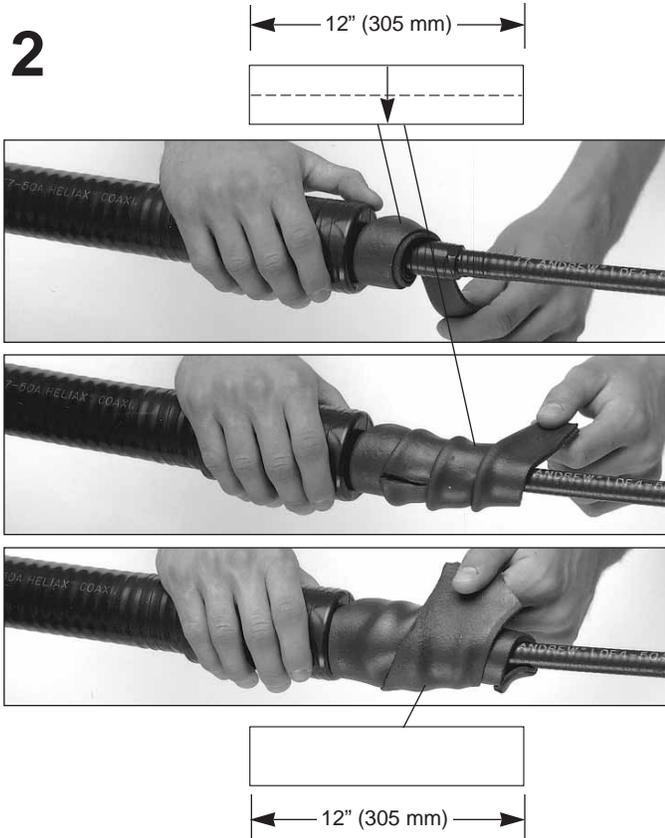
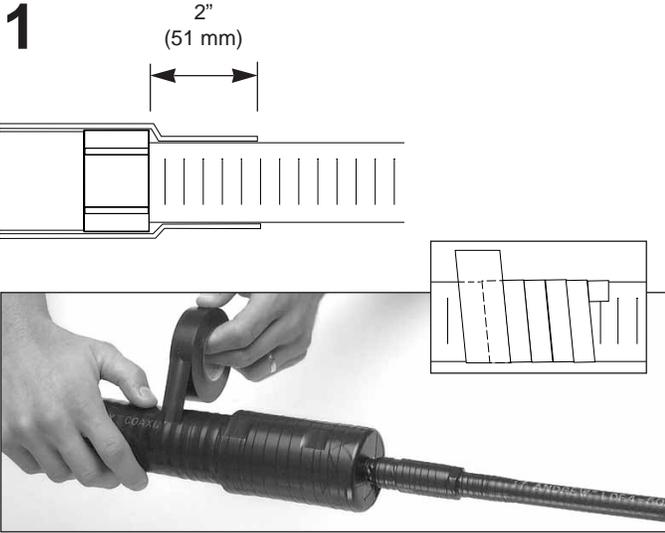


Standard Hanger Application



Snap-In Hanger Application

Connector Weatherproofing Kit



DO NOT PULL THE TAPE during the last few turns. *Pulled tape applies tension to the adhesive and will cause the tape to eventually unravel.*