

# Insulated Hangers

For 1-1/4", 1-5/8", 2-1/4", 3", 4" and 5" HELIAX® Coaxial Cables

Types 33948-1, 33948-2, 33948-3, 33948-4, 33948-5, and 33948-6

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## Read all warnings and Instructions before installation



### WARNING

The following warnings are presented to 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 mount the cable where it can be accidentally touched by anyone on the AM tower climbing ladder.** A high RF potential exists between the cable and the tower.
- **Do not drill tower members without the consent of the manufacturer.** Drilling can cause weakening of the structure.
- **Do not attach straps or hose clamps to the coaxial cable.** These can crush the cable.

## NOTICE



The installation, maintenance, or removal of antenna systems requires qualified, experienced personnel.

ERI installation instructions have been written for such personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

ERI disclaims any liability or responsibility for the results of improper or unsafe installation practices.

## Description

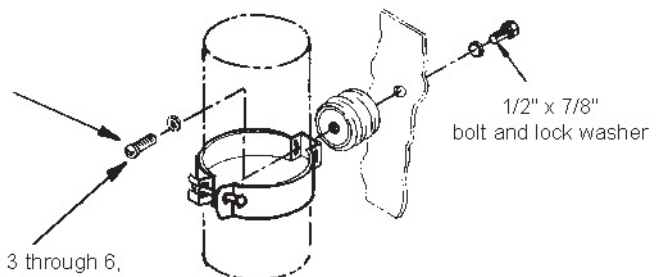
The insulated hanger kits contain a hanger, insulator, and the hardware necessary to mount 1-1/4", 1-5/8", 2-1/4", 3", 4", and 5" cable. Where an adapter is required, the mounting hardware is part of the adapter kit.

## Direct Attachment.

Attach hanger to insulator. Attach insulator to tower.

For details 1 and 2,  
1/2" x 3/4" screw and  
lock washer

For details 3 through 6,  
3/8" screw, shakeproof  
washer



## Instructions

Hangers must be spaced at intervals as shown in the table.

Cable Size	Recommended Max. Spacing	Type No.
1-1/4"	3 ft (1 m)	33948-5
1-5/8"	3 ft (1 m)	33948-3
2-1/4"	3 ft (1 m)	33948-6
3"	5 ft (1.5 m)	33948-2
4"	5 ft (1.5 m)	33948-4
5"	5 ft (1.5 m)	33948-1

For **Direct Attachment**, the tower member must have 9/16" (14 mm) clear holes.

For **Round Member Attachment**, a Type **13550** round member adapter is required. Use with 1-5/8" - 5" cable. Adapter is suitable for use on round tower members 1-3" (25-75 mm) in diameter.

For **Angle Member Attachment**, a Type **13555A** angle adapter is required. Use with 1-5/8" - 5" cable. Maximum tower member thickness is 7/8" (22 mm).

Refer to the applicable hanger attachment configuration and attach the hanger to the tower member (or adapter) as described. After hanger is installed, insert cable into hanger and form the hanger around the cable as shown. Secure the cable in place, tightening until hanger grips firmly. Do not overtighten or damage to the cable may result. It is recommended that the hanger to insulator connection, and the insulator to adapter connection, if applicable, be made prior to attachment of the hanger/hanger adapter assembly to the support structure.