

Standard Grounding Kit

Installation Instructions

CX368-S38 for 3/8" Corrugated Coaxial Cable
 CX371-S12 for 1/2" Corrugated Coaxial Cable
 CX372-S78 for 7/8" Corrugated Coaxial Cable
 CX373-S114 for 1-1/4" Corrugated Coaxial Cable
 CX374-S158 for 1-5/8" Corrugated Coaxial Cable

PRODUCT DESCRIPTION

The Standard Ground Kit consists of a pre-formed copper strap and associated hardware that facilitates a proper attachment to the coaxial cable, insuring that the performance of the coax is not compromised. Installation of ground kits is recommended at the top and bottom of each vertical run, at 200 ft. increments and just prior to building entry.



MATERIAL LIST

- (1)- Pre-formed copper ground strap assembly with unterminated 60" (1.5m) ground lead
- (2) 1/4" brass lock washers
- (2) 1/4" brass nuts
- (1)- Roll 3-3/4 x 24" butyl mastic
- (1)- Roll 2" x 20' electrical tape
- (1)- Heat shrink tube*
- (1)- Field-crimp 1/4" 2-hole lug*
- (2) 1/4" x 3/4" bolts
- (2) 1/4" lock washers
- (2) 1/4" nuts
- (1)- Field-crimp 3/8" 2-hole lug*
- (2) 3/8" x 1-1/4" slotted bolts
- (2) 3/8" lock washers
- (2) 3/8" nuts
- (2) 3/8" flat washer

REQUIRED TOOLS

- Knife
- 7/16" Open end wrench
- #6 Crimp tool
- Heat gun or equivalent
- 9/16" Socket Wrench
- 9/16" Open End Wrench

TYPICAL MOUNTING PROCEDURE

STEP 1

Remove approximately 2" of the outer jacket from a straight section of coax cable.



STEP 2

Install the preformed copper strap around the exposed outer conductor and tighten using brass lock-washers and nuts provided.



STEP 3

Cut three 2" pieces of butyl mastic and place one of the 2" pieces under the ground wire cable, as close to the clamp as possible.



STEP 4

Fold one of the 2" pieces of butyl mastic in half and place over the riveted ground lug and copper hardware to act as a filler.



STEP 5

Place the remaining 2" piece of butyl mastic over the end of the ground lead as shown.



STEP 6

Apply one layer of butyl mastic, overlapping the coax jacket by 1" on each end of the exposed outer conductor. Overlap each wind by one-half of the width of the mastic. Cut any remaining mastic. *All parts of the ground kit and outer conductor should be sealed.*



STEP 7

Apply three overlapping layers of vinyl electrical tape extending 2" beyond the butyl mastic.



STEP 8

Cut ground lead to the desired length and remove 3/4" of insulation from the end. *NOTE: Ground lead to Ground point should be as straight as possible and installed in a downward direction.*

STEP 9

Crimp the #6 lug to the ground lead in two places then install the heat shrink over the end of the lug as shown.



STEP 10

Clean the ground point thoroughly and bolt the lug into position using the appropriate hardware provided.