

# HELIAX® Grounding Kits

A well designed system uses grounding kits to provide a bond between the cable and the tower/earth ground system. One grounding kit is recommended at tower top, tower bottom, at 200 ft (60 m) intervals (where applicable), and at the entrance to the equipment shelter.

## SureGround™ and SureGround Plus™ Series and 204989 and 241088 Series Grounding Kits offer:

- Solid copper construction for high current handling capability, compatibility with copper cable outer conductors, and long life.
- Meet military standards at commercial prices.
- Provide certainty of continued operation. Tested at an independent laboratory to withstand 200,000 amps.

Andrew 204989 and 241088 series solid copper grounding kits have passed United States Air Force lightning simulation tests and meet MIL-STD-188-124A. The non-braided solid copper construction of all Andrew grounding kits eliminates corrosion caused by moisture retention and “wicking.” A heat shrink tube protects the cable terminal connection.

## SureGround Plus Grounding kits

Transmission line grounding has never been easier. With only four parts, SureGround Plus grounding kits combine the exclusive wraparound SureGround grounding strap with a preformed rubber weatherproofing boot for fast, sure installation and neat appearance.

## Heavy Duty Ground Lead

Andrew grounding kits utilize heavy duty 16 mm<sup>2</sup> ground leads to maximize performance. The IEC 1024-1 compliant copper ground lead reduces dc resistance. The extremely pliable jacket provides protection and makes it easy to maneuver the lead into position for attachment to the down conductor.

## Easy Installation

Standard Grounding Kits (204989 and 241088 series) require few steps to install and include easy to follow instructions. Proper tensioning is ensured by an expansion section which provides visual indication that the strap is secured.

SureGround Grounding Kits install in less than half the time required for standard grounding kits. Factory assembled into one component, they feature a pre-formed clip-on grounding strap for easy, snap-on installation.

SureGround Plus Grounding Kits are even easier to install. Simply remove a short length of cable jacketing, snap the wraparound strap in place, slip the rubber boot into place and secure with clamps.



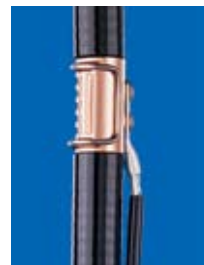
A



B



C



## Kits Include

Standard Grounding Kits for 1/2” and Larger Cables. Series 204989 and 241088 kits include a solid copper strap riveted to the grounding wire, a coiling tool for proper tightening, tower attachment hardware, and a two-part tape weatherproofing system. Field-attachable, crimp-on grounding lugs require the use of a crimping tool (not included, described below).

**A Standard Grounding Kit** for 1/4” and 3/8” Cables. Includes a solid copper strap, connection hardware, tower attachment hardware, and a two-part tape weatherproofing system - Type 223158.

**B SureGround Grounding Kit** is a one-piece factory assembled ground strap which includes a two-part tape weatherproofing system.

**C SureGround Plus Grounding Kits** include a factory assembled ground strap, a preformed rubber boot and two clamps.