



This universal grounding kit is specially designed to accommodate a broad range of transmission line sizes, including elliptical waveguides and coax cables. This helps reduce inventory costs as well as eliminating errors due to incorrectly defined line size. Sizing of the ground strap is accomplished by selecting the correct transmission line size and removing the excess material above the corresponding letter at scribed line. Designed for reliability, this universal grounding kit has been tested to comply with MIL-STD-188-124A and to withstand an excess of 200kA. The 6-AWG (13.2mm<sup>2</sup>) 7-strand copper wire provides an efficient, low-inductance path for safely transferring lightning-induced currents from the coaxial cable to the system ground. The kit also includes mastic and electrical tape for effective weatherproofing. For optimal protection, grounding kits should be installed at a minimum at the top and bottom of each vertical run, at regular intervals along long vertical runs, and just before building entry. As international and national regulations govern potential equalization, please ensure compliance with all applicable standards.

**FEATURES / BENEFITS**

- Compatible with both copper and aluminium cable types, eliminates the risk of faulty Grounding Kit installation and helps to keep inventory down
- Designed to comply with MIL-STD-188-124A and to withstand an excess of 200kA.
- One model accommodates a broad range of elliptical waveguides and coax cables
- No influence on the electrical transmission characteristics of the transmission lines
- Comes with two types of 2-hole lug and hardware, as well as 2"x20' electrical tape and 2.5"x24" mastic.

**Technical features****STRUCTURE**

|                                  |  |                                                                                                                                                                                        |
|----------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Line                     |  | Cable Installation Accessories                                                                                                                                                         |
| Type of Grounding Kit            |  | Universal Copper Strap                                                                                                                                                                 |
| Transmission Line Type           |  | Coax Cables, Elliptical Waveguides, Hybrid Cables                                                                                                                                      |
| Cable Type                       |  | Foam Dielectric, Hybrid, Air Dielectric, Elliptical Waveguide                                                                                                                          |
| Cable Size                       |  | 3/8" to 3"                                                                                                                                                                             |
| Number of Cable / Waveguide Runs |  | 1                                                                                                                                                                                      |
| Hardware Kit                     |  | 3/8" x1" Stainless Steel Bolt, 3/8" Stainless Steel Nut, 3/8" Stainless Steel Lock Washer<br>1/4" x1" Stainless Steel Bolt, 1/4" Stainless Steel Nut, 1/4" Stainless Steel Lock Washer |
| Sealing Kit                      |  | 2.5"x24" Mastic and 2"x20' Electrical Tape                                                                                                                                             |

**MECHANICAL SPECIFICATIONS**

|                       |                 |                                              |
|-----------------------|-----------------|----------------------------------------------|
| Lug Attachment Method |                 | Field Attachable                             |
| Lug Style Size        |                 | 1/4in and 3/8in two-hole lugs, tinned copper |
| Grounding Wire Length | m (in)          | 1.5 (60)                                     |
| Grounding Wire Size   | mm <sup>2</sup> | 13.2 mm <sup>2</sup> , 6 AWG (7 strand)      |
| Grounding Wire Color  |                 | Black                                        |
| Grounding Body Color  |                 | Black                                        |
| Sealing Class         |                 | IP68                                         |



GKIT-60-U

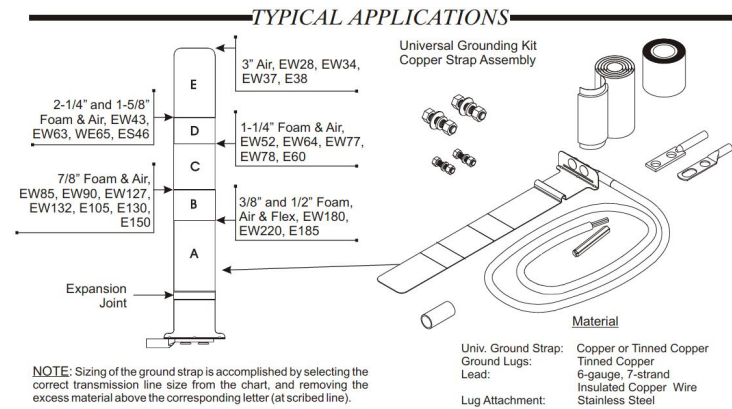
Universal Grounding Kit, Copper Strap, 60" (1.5m) Lead, for 3/8" to 3" Coax Cables and Elliptical Waveguides

TEMPERATURE SPECIFICATIONS

|                       |         |                         |
|-----------------------|---------|-------------------------|
| Operation Temperature | °C (°F) | -40 to 85 (-40 to 185 ) |
| Storage Temperature   | °C (°F) | -40 to 80 (-40 to 176 ) |

PACKAGING INFORMATION

|                  |         |           |
|------------------|---------|-----------|
| Package Quantity |         | 1         |
| Weight per piece | kg (lb) | 0.9 (1.9) |



GKIT-60-U Applications

[External Document Links](#)  
[Installation Instruction](#)

[Notes](#)