



**GKIT-60-12**

**Standard Grounding Kit, Copper Strap, 60" (1.5m) Lead, for 1/2" Coax Cables and 18 TO 23GHz Elliptical Waveguides**

This GKIT series standard grounding kit features a versatile copper strap design that accommodates multiple waveguide sizes, eliminating the need for size-specific kits and simplifying inventory management. In addition to elliptical waveguides, it is also compatible with coaxial cables, offering greater flexibility. Built to meet industry standards, the kit ensures reliable grounding, bonding, and shielding while withstanding extreme environmental conditions such as moisture, UV exposure, and temperature fluctuations. Designed for reliability, this grounding kit has been tested to withstand lightning surges of up to 100,000 amps. 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**

- Tested to withstand lightning surges of up to 100,000 amps
- One model accommodates multiple elliptical waveguides and coax cables
- No influence on the electrical transmission characteristics of the transmission lines
- Comes with 3/8" 2-hole lug and hardware, as well as 2"x20' electrical tape and 2.5"x24" mastic.

**Technical features**

**STRUCTURE**

<b>Product Line</b>		Cable Installation Accessories
<b>Type of Grounding Kit</b>		Standard Copper Strap
<b>Transmission Line Type</b>		Coax Cables, Elliptical Waveguides, Hybrid Cables
<b>Cable Type</b>		Foam Dielectric, Hybrid, Air Dielectric, Elliptical Waveguide
<b>Cable Size</b>		1/2" Coax and Hybrid, E185, E220, EW180, EW220 Elliptical Waveguide
<b>Number of Cable / Waveguide Runs</b>		1
<b>Hardware Kit</b>		3/8" x1" Stainless Steel Bolt, 3/8" Stainless Steel Nut, 3/8" Stainless Steel Lock Washer
<b>Sealing Kit</b>		2.5"x24" Mastic and 2"x20' Electrical Tape

**MECHANICAL SPECIFICATIONS**

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

**TEMPERATURE SPECIFICATIONS**

<b>Operation Temperature</b>	°C (°F)	-40 to 85 (-40 to 185 )
<b>Storage Temperature</b>	°C (°F)	-40 to 80 (-40 to 176 )



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**PACKAGING INFORMATION**

<b>Package Quantity</b>		1
<b>Weight per piece</b>	kg (lb)	0.7 (1.5)

External Document Links  
Installation Instruction

Notes