PRODUCT DATASHEET

GKIT-60-U

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

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-188-124Aand to withstand an excess of 200kA. The 6-AWG (13.2mm^2) 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 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^2	13.2 mm^2, 6 AWG (7 strand)
Grounding Wire Color		Black
Grounding Body Color		Black
Sealing Class		IP68

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

GKIT-60-U

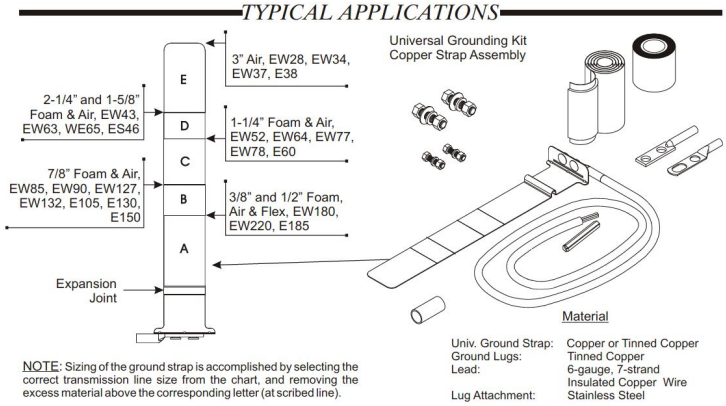
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TEMPERATURE SPECIFICATIONS

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

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