

# PRODUCT DATA SHEET

## Universal Grounding Kits

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### PRODUCT DESCRIPTION

The Universal Ground Kit is specifically designed to accommodate a broad range of transmission line sizes, thus reducing inventory costs as well as eliminating errors due to incorrectly defined line sizes. The copper strap and associated hardware facilitate a proper attachment to the coaxial cable. The 6-gauge, 7 strand copper wire provides the most practical and effective low-inductance transfer of lightning induced current from your coax to ground system. Sizing of the ground strap is accomplished by selecting the correct transmission line size from the chart and removing the excess material above the corresponding letter (at the scribed line).

#### MATERIAL LIST:

- Copper / Tinned Copper Strap Assembly with 60" Lead
- 2.5" x 24" Mastic
- 2" x 20' Electrical Tape
- 3/8" Hardware
- 3/8" 2-Hole Lug
- 1/4" Hardware (not included with ECGKU2H5UT)
- 1/4" 2-Hole Lug (not included with ECGKU2H5UT)
- Heat Shrink Tube
- Coiling Tool



### SPECIFICATIONS

Product Type	Grounding Kit
Bonding Conductor Wire Size	6 Gauge
Grounding Kit Type	Clip-on
Grounding Strap Material	Copper / Tinned Copper
Current Handling	Tested to withstand 100,000 amps peak current surge
Current Handling Test Method	MIL-STD-1757
Grounding, Bonding and Shielding Test Method	MIL-STD-188-124A
Lightning Protection Test Method	IEC 1024-1
Operating Temperature	-40 <sup>0</sup> C to +85 <sup>0</sup> C
Storage Temperature	-40 <sup>0</sup> C to +80 <sup>0</sup> C
Blowing Rain Test Method	MIL-STD-810, Method 506
Corrosion Test Method	MIL-STD-1344, Method 1001
Freezing Rain / Icing Test Method	MIL-STD-810, Method 521
Humidity Test Method	MIL-STD-1344, Method 1002
Immersion Test Method	IEC 60529:2001, IP68
UV Resistance Test Method	MIL-STD-810, Method 505
Vibration Test Method	MIL-STD-202, Method 214
Weatherproofing Method	Butyl and electrical tape



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Part Number	Description	Cable Outer Conductor Range
<b>Universal Ground Kits, 60" Lead</b>		
FM-GKU2H5U	Universal Grounding Kit with 5' Lead and Un-attached 1/4" and 3/8" 2-Hole Lug, Copper	0.375" – 3"
FM-GKU2H5UT	Universal Grounding Kit with 5' Lead and Un-attached 1/4" and 3/8" 2-Hole Lug, Tinned Copper	0.375" – 3"
8515020000.T	Universal Grounding Kit with 5' Lead and Un-attached 3/8" 2-Hole Lug, Tinned Copper	0.375" – 3"
FM-GKUS	Small Universal Grounding Kit for 1/4" and 3/8" Cable with 5' Lead and Un-attached 3/8" 2-Hole Lug, Tinned Copper	6.22 – 9.65mm

