PRODUCT DATASHEET

Discontinuing product **GKIT-24-105**

Grounding Kit, Pre-formed Copper Strap, for E105

Standard Grounding Kit for Elliptical Waveguide E105
0.6m (24") grounding lead, 6 AWG (7strand)
factory attched cable lug,
incl. screw kit 3/8" for grounding termination



FEATURES / BENEFITS

The Standard Grounding Kit is designed to comply with RoHS (EU 2002/95/EC) and CRoHS (China SJ/T11363-2006) directives and has been verified by independent labs to withstand the damaging effects of lightning current. The pre-formed copper strap and associated hardware facilitates a proper attachment to the elliptical waveguide, insuring that the performance of the elliptical waveguide is not being compromised. The 6-gauge, 7 strand copper wire provides the most practical and effective low-inductance transfer of lightning induced current from your elliptical waveguide to your system ground.

Technical features

STRUCTURE

Product Line		Elliptical Waveguide Accessories
Type of Grounding Kit		Pre-Formed Copper Strap
Transmission Line Type		E105, EP105
Cable Type		Elliptical Waveguide
Cable Size		E105
Hardware Kit		2 pcs. 3/8" x 1-1/4" slotted bolts 2 pcs. 3/8" lock washers 2 pcs. 3/8" nuts 2 pcs. 3/8" flat washers
Sealing Kit		1x Roll butyl mastic 95 x 600mm (3-3/4 x 24") 1x Roll electrical tape 25mm x 6m (2" x 20')
Material		Contact element: Copper with threaded studs, nuts and lock washers made of brass Cable Lug: Copper tin plated Grounding wire: Copper Hardware Kit: Stainless steel

MECHANICAL SPECIFICATIONS

Lug Attachment Method		Factory Attached
Lug Style Size		2-hole Ø 9.5mm (3/8") crimp-on, tin-plated
Grounding Wire Length	m (in)	0.61 (24)
Grounding Wire Size	mm^2	13 (6 AWG, 7 strand)
Grounding Wire Color		Black
Grounding Body Color		Black
Sealing Class		IP68

TEMPERATURE SPECIFICATIONS

Operation Temperature	°C (°F)	-50 to 85 (-58 to 185)
Storage Temperature	°C (°F)	-50 to 85 (-58 to 185)

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

PACKAGING INFORMATION

Package Quantity		1
Weight per piece	kg (lb)	0.6 (1.4)

External Document Links
Installation Instruction

Notes

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