



**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 attached 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**

<b>Product Line</b>		Elliptical Waveguide Accessories
<b>Type of Grounding Kit</b>		Pre-Formed Copper Strap
<b>Transmission Line Type</b>		E105, EP105
<b>Cable Type</b>		Elliptical Waveguide
<b>Cable Size</b>		E105
<b>Hardware Kit</b>		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
<b>Sealing Kit</b>		1x Roll butyl mastic 95 x 600mm (3-3/4 x 24") 1x Roll electrical tape 25mm x 6m (2" x 20')
<b>Material</b>		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**

<b>Lug Attachment Method</b>		Factory Attached
<b>Lug Style Size</b>		2-hole Ø 9.5mm (3/8") crimp-on, tin-plated
<b>Grounding Wire Length</b>	m (in)	0.61 (24)
<b>Grounding Wire Size</b>	mm <sup>2</sup>	13 (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)	-50 to 85 (-58 to 185 )
<b>Storage Temperature</b>	°C (°F)	-50 to 85 (-58 to 185 )



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**PACKAGING INFORMATION**

<b>Package Quantity</b>		1
<b>Weight per piece</b>	kg (lb)	0.6 (1.4)

External Document Links

[Installation Instruction](#)

Notes