Grounding Kit, Pre-formed Copper Strap, for E150

Standard Grounding Kit for Elliptical Waveguide E150 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	E150/EP150			
Cable Type	Elliptical Waveguide			
Cable Size	E150			
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	mm²	13 (6 AWG, 7 strand)			
Grounding Wire Color		Black			
<b>Grounding Body Color</b>		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 )

Discontinuing product GKIT-24-150

REV: F

REV DATE: 10 Sep 2018

www.rfstechnologies.com



# Grounding Kit, Pre-formed Copper Strap, for E150

Package Quantity		1		
Veight per piece	kg (lb)		0.6 (1.4)	
kternal Document Links		Notes		
stallation Instruction				

REV DATE: 10 Sep 2018

Discontinuing product GKIT-24-150

REV: F

www.rfstechnologies.com