



Standard Grounding Kit for Elliptical Waveguide E60

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

|                        |  |                                                                                                                                                                             |
|------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Line           |  | Elliptical Waveguide Accessories                                                                                                                                            |
| Type of Grounding Kit  |  | Pre-Formed Copper Strap                                                                                                                                                     |
| Transmission Line Type |  | E60, EP60                                                                                                                                                                   |
| Cable Type             |  | Elliptical Waveguide                                                                                                                                                        |
| Cable Size             |  | E60                                                                                                                                                                         |
| Hardware Kit           |  | 2 pcs. 3/8" x 1-1/4" slotted bolts<br>2 pcs. 3/8" lock washers<br>2 pcs. 3/8" nuts<br>2 pcs. 3/8" flat washers                                                              |
| Sealing Kit            |  | 1x Roll butyl mastic 95 x 600mm (3-3/4 x 24")<br>1x Roll electrical tape 25mm x 6m (2" x 20')                                                                               |
| Material               |  | Contact element: Copper with threaded studs, nuts and lock washers made of brass<br>Cable Lug: Copper tin plated<br>Grounding wire: Copper<br>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 <sup>2</sup> | 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 ) |

**PACKAGING INFORMATION**

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

External Document Links  
Installation Instruction

Notes