



## CABLE BONDING KIT

When lightning strikes a communications tower current flows to ground via the tower leg steel work and via any feeder cables that exist on the tower. It is impossible to sufficiently insulate these coaxial feeders or waveguides from the tower to prevent a flashover. As a result, cable earthing kits are utilised to ensure that cables are electrically bonded to towers and so form part of the lightning return path.

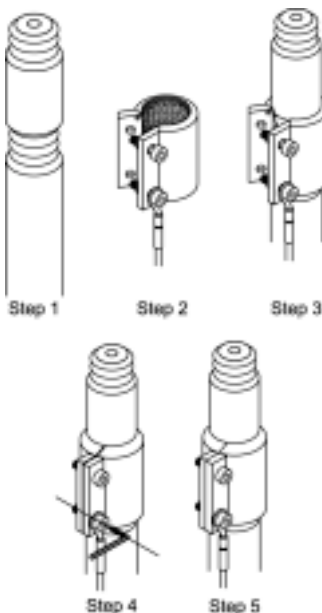
Cable earthing kits are installed at the tower top, at the bottom of the tower on

the vertical section immediately before the cable turns onto the horizontal cable runway and at the cable entry point.

This optimises the lightning current flow direct to ground and not into the equipment building.

Cable earthing kits connect coaxial cable sheaths and waveguide to the tower frame. No other earthing other than direct to the tower structure is required.

### Installation



### Complete Protection

When protecting signalling systems it is vitally important to remember that protection is also required for the incoming power lines. Novaris is able to offer a comprehensive range of surge filters from 2A to 2000A per phase.

Surge filters provide highly reliable and effective surge protection for even the most sensitive electrical and electronic equipment. For further details on the full Novaris range of surge filters please contact Novaris or visit our web site at [www.novaris.com.au](http://www.novaris.com.au).

**EKIT-1  
EKIT-2  
EKIT-3**

### Specifications

Description:	Coaxial cable bonding kit
Kit includes:	<ul style="list-style-type: none"> <li>• 900mm of 6mm<sup>2</sup> cable with M8 lug attached.</li> <li>• 25mm braid sheath connection</li> <li>• Self-amalgamating upper and lower seals.</li> </ul>

Kits are available for common braided cables, all solid sheath cables and waveguides.

### Ordering Options

	EKIT-x
x = Cable size:	
1/2" Helix	1
7/8" Helix	2
1 5/8" Helix	3
	e.g. EKIT-2

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