



# BROADBAND PROPAGATION

*Antenna Design & Supply*

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## LIGHTNING ARRESTOR KITS

Broadband Propagation's Lightning Arrestor Kits offer accessories to accompany our 'coaxial surge arrestor' range. They enable you to install a complete static discharge/ lightning protection system for your antenna.



### KIT CONTAINS

Earthing Kit: (BPEK)

2 part copper earth stake (total length is 1.4m)  
Brass earth stake joiner  
Stainless steel dolly  
Clamp (with fasteners)

Earth Lead: (ELS3)

Length of 3m nickel plated copper braid

Feeder Cable Options

**SA 230 FC:**

5m of RG58 coaxial cable with BNC connectors

**SA 600 FC:**

5m of RG 213 coaxial cable with UHF connectors

**SA 600 NFC:**

5m of RG 213 coaxial cable with 'N' type connectors

*Earth leads and feeder cables can be supplied at longer lengths if required. Please specify when ordering.*

Surge Arrestor Options

<b>Code</b>	<b>Type</b>	<b>Frequency range</b>	<b>Description</b>
<b>BPSA 230</b>	<b>UHF BNC N</b>	DC to 1 GHz DC to 2 GHz DC to 2.5 GHz	230 Volt Arc-over Voltage for use with Transmitters up to 400 Watts
<b>BPSA 600</b>	<b>UHF N</b>	DC to 1 GHz DC to 2.5 GHz	600 Volt Arc-over Voltage for use with Transmitter up to 2000 Watts

*\* All components of our lightning arrestor kits can be sold separately if required.*

**EARTHING OPTIONS**

The body of the lightning arrester must be adequately earthed to perform its job. This can be achieved by bolting the body of the arrester directly to a well earthed object such as an earth stake, or it can be earthed indirectly through an earthing cable.



Arrester directly connected to earth stake



Arrester connected via earthing cable