

## BH259



### Adaptive Video Equaliser, automatic correction up to 1mile (1.6km) with RG59 Coax Cable

#### Overview

The BH259 unit will automatically equalise a video signal at the push of a button and deliver a high quality signal over RG59 coax cable of up to 1mile (1.6km). A 12V DC power supply is included with the unit, no other equipment is required.



- Fully automatic, no user adjustment required
- Simple and quick installation
- Automatically restores settings on power up
- Automatic cable type compensation
- Low power consumption
- No set-up test equipment required

#### Technical Information

<b>INPUT SIGNAL TYPE</b>	Unbalanced Composite video signal. NTSC or PAL
<b>INPUT IMPEDANCE</b>	75 Ohm
<b>OUTPUT SIGNAL</b>	1.0V Pk-Pk @ 75 Ohm
<b>SIGNAL INPUT CONNECTOR</b>	BNC male type coax connector
<b>SIGNAL OUTPUT CONNECTOR</b>	BNC male type coax connector
<b>AT UNITY GAIN</b>	Differential Phase > 1.0° Differential Gain > 1%
<b>BANDWIDTH</b>	40Hz to 6MHZ
<b>PERFORMANCE</b>	Equalise a video signal over RG59 copper coax cable of up to 1 mile (1.6km). Distance reduced for lower performing cable types. Transorbs and gas tubes fitted as standard
<b>SURGE PROTECTION</b>	Transorbs and gas tubes fitted as standard
<b>POWER REQUIREMENTS</b>	12V DC @ 115mA.
<b>POWER SUPPLY</b>	Included power supply 230V AC maximum 2 Watts consumption. 110V power supply available on request
<b>POWER CONNECTOR</b>	Screw terminal maximum cable size 4mm <sup>2</sup>
<b>OPERATING TEMP. RANGE</b>	-30 to +45 degrees Celsius
<b>CONTROLS</b>	Auto setup button
<b>INDICATOR LED's</b>	Green LED indicates power Yellow LED indicates signal equalised and 'SET'
<b>DIMENSIONS</b>	132mm L x 45mm W x 23mm H (excluding BNC connectors)
<b>MOUNTING</b>	Via 2 x 3.5mm holes for convenient screw fixing

#### Ordering Information

For a quotation, further details or technical support and advice, contact us by phone, fax or email, quoting part number BH259. Contact details are below.

#### Products available for use with BH259:

Part Number	Description
BH207	Video Distribution Amplifier, 1in 4out

Addlestone Electronics Ltd, Church Lane, Bisley, Surrey. GU24 9EA

Tel: +44 (0)1483 480969 Fax: +44 (0)1483 797268

Email: [Support@Addlestone-Electronics.co.uk](mailto:Support@Addlestone-Electronics.co.uk) Website: [www.Addlestone-Electronics.co.uk](http://www.Addlestone-Electronics.co.uk)