

# BH188



## Video Line Corrector / Active Balun (Balanced to Unbalanced)

### Overview

The BH188 unit is a video line corrector and active balun converting a balanced (twisted-pair) video signal to unbalanced (coax) video signal and will compensate for signal losses in twisted pair cable so that high quality pictures may be transmitted over long distances.



The unit will equalize the incoming cable losses up to a maximum of 32dB at 4.4MHz, when used in conjunction with a BH185 Launch Amplifier.

Its installer-friendly design has tool-less adjustable Gain, Medium frequency lift, High frequency lift, all independently adjustable. This stand-alone unit is fully RoHS compliant and also comes complete with 230V plug-top 12V DC power supply (110V available on request).

### Technical Information

<b>INPUT SIGNAL</b>	Nominal 2.0V Pk-Pk balanced @ 100Ω composite video signal. Suitable for either colour or monochrome video
<b>OUTPUT SIGNAL AT UNITY GAIN</b>	Nominal 1.0V Pk-Pk @ 75Ω (at Unity Gain)
<b>GAIN CONTROL</b>	Differential Phase <3°. Differential Gain <3%
<b>MF LIFT CONTROL</b>	Variable from -2dB to +6dB
<b>HF LIFT CONTROL</b>	Variable from 0dB to +10dB @ 3 MHz
<b>INPUT CONNECTOR</b>	Variable from 0dB to +20dB @ 4.4MHz
<b>OUTPUT CONNECTOR</b>	Spring loaded screw less terminal block
<b>SURGE PROTECTION</b>	BNC type coax connector
<b>POWER</b>	Transorbs fitted as standard
<b>OPERATING TEMP</b>	12V DC 300mW power consumption connected via
<b>DISTANCE</b>	spring loaded screw less terminal block
<b>DIMENSIONS</b>	-30°C to +45°C
<b>MOUNTING</b>	1000 metres when used with Cat5/6 cable and in conjunction with an A.E. Launch Amplifier BH185
	132mm L x 45mm W x 23mm H (excluding BNC connectors)
	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 BH188. Contact details are below.

#### Products available for use with BH188:

Part Number	Description
BH185	Video Launch Amplifier and active balun for twisted pair cable

### About Addlestone Electronics

Addlestone Electronics have been designing and manufacturing specialist products for the CCTV industry for over 40 years. Our tradition of high quality and innovation has earned us an enviable reputation in the industry and we continue to lead the way with excellence in our field and top class support. Addlestone Electronics test 100% of all its products before dispatch from the factory.

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)