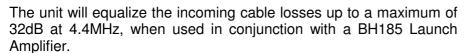
## **BH188**

# **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.





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**

**INPUT SIGNAL** Nominal 2.0V Pk-Pk balanced @ 100Ω composite video

signal. Suitable for either colour or monochrome video

**OUTPUT SIGNAL** Nominal 1.0V Pk-Pk @ 75Ω (at Unity Gain) **AT UNITY GAIN** Differential Phase <3º. Differential Gain <3%

**GAIN CONTROL** Variable from -2dB to +6dB

MF LIFT CONTROL Variable from 0dB to +10dB @ 3 MHz HF LIFT CONTROL Variable from 0dB to +20dB @ 4.4MHz INPUT CONNECTOR Spring loaded screw less terminal block

**OUTPUT CONNECTOR** BNC type coax connector SURGE PROTECTION Transorbs fitted as standard

**POWER** 12V DC 300mW power consumption connected via

spring loaded screw less terminal block

**OPERATING TEMP** -30°C to +45°C

DISTANCE 1000 metres when used with Cat5/6 cable and in

conjunction with an A.E. Launch Amplifier BH185

**DIMENSIONS** 132mm L x 45mm W x 23mm H (excluding BNC

connectors)

**MOUNTING** 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.

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