

# BH187



## Video Line Corrector (Unbalanced to Unbalanced)

### Overview

The BH187 unit is a video line corrector and will compensate for signal losses in coaxial cable (unbalanced) enabling high quality pictures to be transmitted over long distances. The unit will equalise the incoming cable losses to a maximum of 35dB at 5MHz, increasing to 45dB when used in conjunction with a BH184 Launch Amplifier



Its installer-friendly design has tool-less adjustable Gain, Medium frequency lift, High frequency lift. 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 1.0V Pk-Pk @ 75Ω composite video signal. Suitable for either colour or monochrome video
<b>OUTPUT SIGNAL</b>	Nominal 1.0V Pk-Pk @ 75Ω (unit set to Unity Gain)
<b>AT UNITY GAIN</b>	Differential Phase <3°. Differential Gain <3%
<b>GAIN CONTROL</b>	Variable from -2.0dB to +6.0dB
<b>HF LIFT CONTROL</b>	Variable from 0dB to +35.0dB @ 4.4MHz
<b>MF LIFT CONTROL</b>	Variable from 0dB to 10dB @ 3MHz
<b>INPUT CONNECTOR</b>	BNC type coax connector
<b>OUTPUT CONNECTOR</b>	BNC type coax connector
<b>SURGE PROTECTION</b>	Transorbs fitted as standard (gas tubes optional for extra protection)
<b>POWER</b>	12V DC 200 mW power consumption connected via spring loaded screw less terminal block
<b>OPERATING TEMP</b>	-30°C to +45°C
<b>DISTANCE</b>	1000 metres when used with good quality RG59 and in conjunction with an A.E. Launch Amplifier BH184
<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 BH187. Contact details are below.

#### **Products available for use with BH187:**

Part Number	Description
BH184	Video Launch Amplifier and Video Distribution Amplifier , 1in 2out
BH207	Video Distribution Amplifier, 1in 4out

### 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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