

BH186

Hum Canceller and Line Corrector



Overview

The BH186 unit is designed to cancel hum up to a maximum of 35V Pk-Pk and to correct for any signal loss in an unbalanced (coax) cable run, eliminating hum bars and enabling high quality pictures to be transmitted over long distances.



Its installer-friendly design has tool-less adjustable Gain, Mid Frequency lift and High Frequency lift controls. The Hum control is factory set. 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 1.0V Pk-Pk @ 75Ω composite video signal. Suitable for either colour or monochrome video
OUTPUT SIGNAL	Nominal 1.0V Pk-Pk @ 75Ω (unit set to Unity Gain)
AT UNITY GAIN	Differential Phase <math><3^\circ</math>. Differential Gain <math><3\%</math>
HUM CONTROL	Factory set
GAIN CONTROL	Adjustable between 0dB and +6dB
MF LIFT CONTROL	Adjustable between 0dB and +6dB @ 3MHz
HF LIFT CONTROL	Adjustable between 0dB and +6dB @ 4.4MHz
HUM CANCELLATION	Hum cancellation up to a maximum of 35V Pk to Pk
INPUT CONNECTOR	BNC type coax connector
OUTPUT CONNECTOR	BNC type coax connector
SURGE PROTECTION	Transorbs fitted as standard
POWER	12V DC 300 mW power consumption connected via spring loaded screw less terminal block
OPERATING TEMP	-30°C to +45°C
DISTANCE	500 metres when used with good quality RG59 or CT125 and in conjunction with an A.E. Launch Amplifier BH184
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 BH186. Contact details are below.

Products available for use with BH186:

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

About Addlestone Electronics

The team at 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. We continue to lead the way with excellence in our field, offering first class support for users, distributors and installers and testing 100% of all products before dispatch from the factory.

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