

BH132



Hum Rejection Unit with Equalisation (opto-coupled)

Overview

With the BH132 inserted into the cable run the incoming coaxial cable is physically isolated from the outgoing coaxial cable. This is achieved using an opto-coupler in the circuitry.

The isolation this provides enables the total rejection of any longitudinal hum caused by circulating earth currents in the cable up to a maximum of 90 volts. The unit has three lift controls: Gain, High Frequency Lift and Medium Frequency Lift. Adjusting these controls enables the unit to act as a line corrector for use over short to medium cable runs when used in conjunction with a BH184 Launch Amplifier.



Two 12V DC regulated power supplies are included with the unit.

Technical Information

INPUT SIGNAL	Nominal 1.0V Pk-Pk @ 75Ω composite video signal. Suitable for either colour or monochrome video
OUTPUT SIGNAL	1.0V Pk-Pk @ 75Ω
AT UNITY GAIN	Differential Phase <3°. Differential Gain <3%
ELIMINATION OF LONGITUDINAL HUN	Automatic rejection to a maximum of 90 volts
GAIN CONTROL	Variable from -3.0dB to +6.0dB
HF LIFT CONTROL	Variable from -3.0dB to +6.0dB
MF LIFT CONTROL	Variable from -1.0dB to +6.0dB
INPUT CONNECTOR	BNC type coax connector
OUTPUT CONNECTORS	BNC type coax connectors
POWER	12V DC 800 mW power consumption
OPERATING TEMP	-10°C to +40°C
DIMENSIONS	155mm L x 44mm H x 85mm W (excluding BNC connectors)

Ordering Information

For a quotation, further details or technical support and advice, contact us by phone, fax or email, quoting part number BH132. Contact details are below.

Products available for use with BH132:

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

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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