

BH184



Video Launch Amplifier & Video Distribution Amplifier

Overview

Dual purpose product which can be utilised as either a Launch Amplifier when installed at the camera end or as a Distribution Amplifier when used at the monitor end.

Use as a Launch Amplifier to enhance picture quality over longer transmission distances and its installer-friendly design has tool-less adjustable gain and high frequency lift controls. Used at the monitor end of the cable run it will function as a Video Distribution Amplifier using the two coax outputs. 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 AT UNITY GAIN	Nominal 1.0V Pk-Pk @ 75Ω (unit set to Unity Gain)
GAIN CONTROL	Differential Phase <math><3^\circ</math>. Differential Gain <math><3\%</math>
HF LIFT CONTROL	Variable from -2.0dB to +6.0dB
INPUT CONNECTOR	Variable from 0dB to +6.0dB @ 4.4MHz
OUTPUT CONNECTORS	BNC type coax connector
SURGE PROTECTION	Two BNC type coax connectors
POWER	Transorbs fitted as standard (gas tubes optional for additional protection in harsh environments)
OPERATING TEMP	12V DC 300 mW power consumption connected via spring loaded screw less terminal block
DISTANCE	-30°C to +45°C
DIMENSIONS	1000 metres when used with good quality RG59 or CT125 and in conjunction with an A.E. Line Corrector BH187
MOUNTING	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 BH184. Contact details are below.

Products available for use with BH184:

Part Number	Description
BH187	Line Corrector for unbalanced video signal, coax in/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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