

BH185

Video Launch Amplifier and Active Balun for Twisted Pair Cable



Overview

Video Launch Amplifier and active Balun for conversion of unbalanced (coax) video signal to balanced (twisted-pair) signal.

Use as a Launch Amplifier to enhance picture quality over longer transmission distances. Its installer friendly design has tool-less adjustable gain, balance and high frequency lift controls. 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 2.0V Pk-Pk @ 100Ω (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 +8.0dB
BALANCE CONTROL	Variable from 0dB to +10.0dB @ 4.4MHz
INPUT CONNECTOR	Balances amplitude of + and - video output signal
OUTPUT CONNECTOR	BNC type coax connector
SURGE PROTECTION	Spring loaded screw less terminal block
POWER	Transorbs fitted as standard (gas tubes optional for extra protection)
OPERATING TEMP	12V DC 200 mW power consumption connected via spring loaded screw less terminal block
DISTANCE	-30°C to +45°C
DIMENSIONS	1000 metres when used with Cat5/6 UTP cable and in conjunction with an A.E. Line Corrector BH188
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 BH185. Contact details are below.

Products available for use with BH185:

Part Number	Description
BH188	Line Corrector for Twisted-Pair cable, Twisted-pair in, Coax 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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