

BH188



Video Line Corrector / Active Balun (Balanced to Unbalanced)

Overview

The BH188 unit is a video line corrector and active balun converting a balanced (twisted-pair) video signal to unbalanced (coax) video signal and will compensate for signal losses in twisted pair cable so that high quality pictures may be transmitted over long distances.



The unit will equalize the incoming cable losses up to a maximum of 32dB at 4.4MHz, when used in conjunction with a BH185 Launch Amplifier.

Its installer-friendly design has tool-less adjustable Gain, Medium frequency lift, High frequency lift, all independently adjustable. 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 2.0V Pk-Pk balanced @ 100Ω composite video signal. Suitable for either colour or monochrome video
OUTPUT SIGNAL	Nominal 1.0V Pk-Pk @ 75Ω (at Unity Gain)
AT UNITY GAIN	Differential Phase <3°. Differential Gain <3%
GAIN CONTROL	Variable from -2dB to +6dB
MF LIFT CONTROL	Variable from 0dB to +10dB @ 3 MHz
HF LIFT CONTROL	Variable from 0dB to +20dB @ 4.4MHz
INPUT CONNECTOR	Spring loaded screw less terminal block
OUTPUT CONNECTOR	BNC type coax connector
SURGE PROTECTION	Transorbs fitted as standard
POWER	12V DC 300mW power consumption connected via spring loaded screw less terminal block
OPERATING TEMP	-30°C to +45°C
DISTANCE	1000 metres when used with Cat5/6 cable and in conjunction with an A.E. Launch Amplifier BH185
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 BH188. Contact details are below.

Products available for use with BH188:

Part Number	Description
BH185	Video Launch Amplifier and active balun for twisted pair cable

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.