



## BH73-BU

### Video Line Corrector for UTP Cable (Opto-Coupled)

#### Overview

The BH73BU unit has been designed to compensate for losses in twisted pair video cables so that high quality pictures may be transmitted over long distances.



Each channel is fitted with an opto-coupled circuit to provide an optical pathway for the video signal. This isolation of the input and output signals prevents the appearance of Hum Bars on the video monitor in situations where circulating earth currents in the cable are causing a problem. The signal input and output of each channel are fitted with surge protection as standard.

#### 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 (unit set to Unity Gain)

##### AT UNITY GAIN

Differential Phase <math><3^\circ</math>. Differential Gain <math><3\%</math>

##### CORRECTOR RESPONSE IN BAND

Adjustable to compensate for frequency dependent cable losses to a maximum of 45dB at 5MHz.

##### LIFT CONTROLS

7 lift controls are fitted: GAIN, LF, MF, HF1, HF2, HF3 and HF4. These controls allow individual adjustments within the video passband.

##### INPUT CONNECTOR

Spring loaded screw less terminal block

##### OUTPUT CONNECTOR

BNC type coax connector

##### SURGE PROTECTION

Transorbs and gas tubes fitted as standard

##### POWER

Nominal 230V @ 50Hz 48W power consumption connected via IEC type 3-pin socket

##### OPERATING TEMP

-10°C to +45°C

##### DISTANCE

1000 metres when used with Cat5/6 cable and in conjunction with an A.E. Launch Amplifier BH185

##### DIMENSIONS

19" Rack, 3u, Depth 315mm

#### 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 BH73-BU:

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.

Addlestone Electronics Ltd, Church Lane, Bisley, Surrey. GU24 9EA

Tel: +44 (0)1483 480969 Fax: +44 (0)1483 797268

Email: [Support@Addlestone-Electronics.co.uk](mailto:Support@Addlestone-Electronics.co.uk) Website: [www.Addlestone-Electronics.co.uk](http://www.Addlestone-Electronics.co.uk)