

VIDEO LINE ENHANCER

TYPE BH104/BU

DATA SHEET

- *Twisted Pair input / Coaxial output*
- *Range of 400 – 1000 metres of Cat5 Structured Cable*
- *Only one control to adjust*
- *12V DC 23mA fully loaded*



APPLICATION

The BH104/BU has been designed as an easy to use unit that will compensate for cable losses when video signals are being transmitted over twisted pair cable.

The BH104/BU only has one control to adjust so installation is very simple.

The unit is compatible with all of our twisted pair Video Launch amplifiers.

Please note: *The BH104/BU unit has pre-emphasis of the high frequency lift with the control set to minimum.*

Because of this we do not recommend using the unit for cable runs of less than about 400 metres.

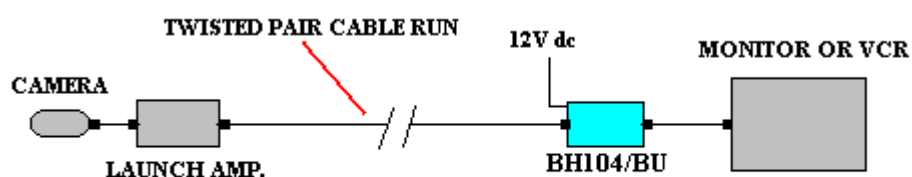
Addlestone Electronics Ltd

DESIGNED AND MANUFACTURED IN UK

TECHNICAL DATA

BH104/BU

INPUT SIGNAL REQUIREMENT	<i>Composite video in colour or monochrome or other wide band signals within a frequency bandwidth of between 30Hz and 5MHz.</i>
INPUT SIGNAL AMPLITUDE	<i>Nominal 2 volts p-p @ 150 ohms.</i>
OUTPUT SIGNAL AMPLITUDE	<i>Nominal 1 volt p-p @ 75 ohms.</i>
INPUT IMPEDANCE	<i>Internally terminated in 150 ohms.</i>
INTERNAL GAIN CONTROL	<i>Variable from -3dB to +6dB</i>
HIGH FREQUENCY LIFT AT 5 MHz	<i>+6 dB.</i>
INPUT-OUTPUT CONNECTIONS	<i>Input connector is a miniature PCB socket / The output is via a BNC type socket.</i>
POWER REQUIREMENTS	<i>+12V dc regulated supply.</i>
POWER CONSUMPTION	<i>Approximately 0.3 watts.</i>
PERMISSIBLE AMBIENT OPERATING TEMPERATURE	<i>-10°C to +40°C.</i>
WEIGHT OF UNIT	<i>85 grams.</i>
DIMENSIONS OF EQUIPMENT	<i>Height 32mm Length 88mm excluding connectors Width 51mm</i>



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