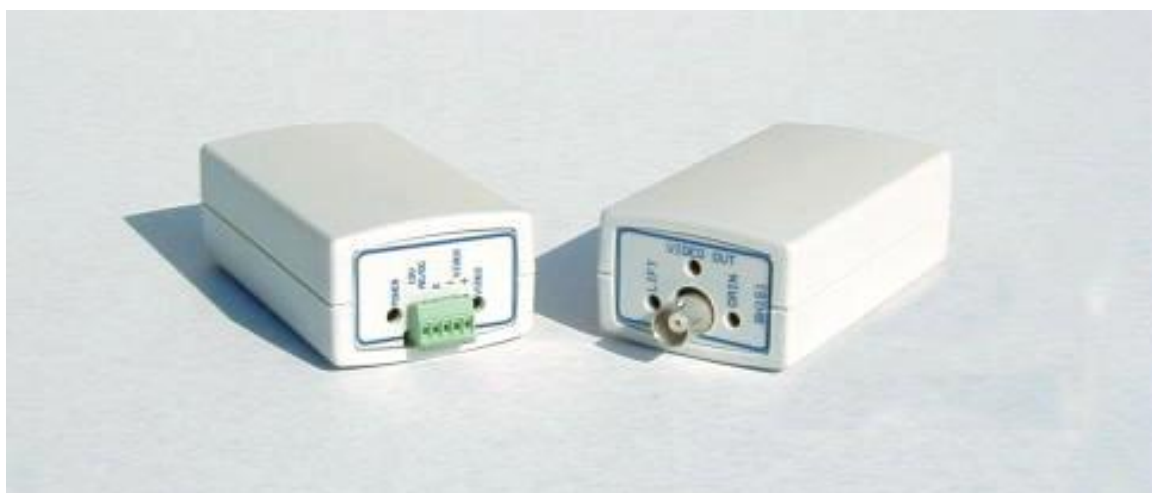


VIDEO TRANSMISSION PAIR

TYPE VTP-B

DATA SHEET

- For twisted pair cable runs
- 10 –1100 metres of BT cable, 10 –1200 metres of Cat 5 cable
- Simple controls for easy installation
- 12 or 24V AC or DC operation



APPLICATION

The VTP-B Video Transmission Pair provide a cost-effective solution for sending good quality video pictures over twisted pair cable.

The units have very simple controls; installation is straightforward requiring no special tools and only a very basic understanding of video transmission principles.

The units are usually built for 12V operation but 24V units can be specified at no extra cost. Two 12V DC power supplies are included with the units.

Both units have built-in surge protection.

Addlestone Electronics Ltd

DESIGNED AND MANUFACTURED IN UK

BH150 VIDEO SENDER UNIT

INPUT SIGNAL REQUIREMENT	Composite video in colour or monochrome within a frequency bandwidth of 30Hz to 5MHz.
INPUT SIGNAL	Nominal 1 volt p-p @ 75 ohms (unbalanced).
OUTPUT SIGNAL	Nominal 2 volts p-p @ 150 ohms (balanced).
SIGNAL INPUT CONNECTOR	BNC type socket.
SIGNAL OUTPUT CONNECTOR	Terminal block.
SIGNAL PRE-EMPHASIS SWITCH	LH lever up, RH lever up = Unity LH lever down, RH lever up = +10dB at 5MHz LH lever up, RH lever down = +20dB at 5MHz
POWER REQUIREMENT	12 or 24V DC/AC
POWER CONSUMPTION	30 mA
DIMENSIONS OF UNIT	Length 90mm (excluding connectors) Width 50mm Height 33mm

BH151 VIDEO RECEIVER UNIT

INPUT SIGNAL REQUIREMENT	Line output from BH150 unit (balanced).
OUTPUT SIGNAL	Nominal 1.0V p-p @ 75 ohms (unbalanced).
SIGNAL INPUT CONNECTOR	Terminal block.
SIGNAL OUTPUT CONNECTOR	BNC type.
GAIN CONTROL (BRIGHTNESS)	-3 to +6dB (adjust for correct brightness level).
LIFT CONTROL (SHARPNESS)	Adjust for clearest picture.
BALANCE CONTROL	Adjust for minimum noise and patterning
HIGH FREQUENCY LIFT PRE - SET	LH lever down, RH lever down = Unity LH lever up, RH lever down = +10dB lift at 5MHz LH lever down, RH lever up = +20dB lift at 5MHz
AT UNITY (measured using both units connected by a 1 metre length of cable)	Differential Phase < 2 degrees Differential Gain < 2%
SIGNAL TO NOISE RATIO (measured with both units connected together)	Better than 60dB.
POWER REQUIREMENT	12 or 24V DC/AC
POWER CONSUMPTION	30 mA
DIMENSIONS OF UNIT	Length 90mm (excluding connectors) Width 50mm Height 33mm



Addlestone Electronics Ltd

Springfields, Church Lane,
Bisley, Woking, Surrey. GU24 9EA
Telephone: (01483) 480969 Fax: (01483) 797268
E-mail: sales@addlestone-electronics.co.uk
Web Site: www.addlestone-electronics.co.uk