

## VIDEO DISTRIBUTION AMPLIFIER (2 in 8 out)

TYPE BH66/2

DATA SHEET

- 2 channels
- 4 outputs per channel
- 230V or 110V operation
- For use with coaxial cables
- Adjustable for overall Gain and High Frequency Lift



### APPLICATION

When installing CCTV equipment it is sometimes required to send the video signal from a camera to more than one monitor or other items of receiving equipment at the same time. This can be achieved using a Distribution Amplifier.

The BH66/2 is a free standing Distribution Amplifier with two channels, each channel having four outputs.

Internal controls for overall Gain and High Frequency Lift enable the installer to obtain the correct signal levels.

**Addlestone Electronics Ltd.**

DESIGNED AND MANUFACTURED IN UK

# TECHNICAL DATA

BH66/2

INPUT SIGNAL REQUIREMENTS	Composite video in colour / monochrome or other wide band signals within a frequency bandwidth of 30Hz to 5MHz.
NOMINAL INPUT SIGNAL	1 volt peak to peak.
NOMINAL OUTPUT SIGNAL	1 volt peak to peak, terminated in 75 ohms.
INPUT IMPEDANCE	The inputs are terminated internally in 75 ohms.
NUMBER OF OUTPUTS	8 outputs: 4 outputs per channel.
INPUT-OUTPUT CONNECTIONS	All connectors are 75 ohm BNC type.
OUTPUT SIGNAL PROTECTION	No damage will result should all eight outputs be shorted. A shorted output line will not effect the operation of the other outputs.
OVERALL SIGNAL LINEARITY	Better than 0.25% (unity gain).
FREQUENCY RESPONSE	30Hz to 8MHz flat within $\pm$ 1dB at unity gain.
AT UNITY GAIN	Differential Phase < 3 degrees / Differential Gain < 3%.
INTERNAL GAIN CONTROL	Variable from -2dB to +6dB.
INTERNAL HF LIFT CONTROL	Variable from -2dB to +3dB at 5MHz.
POWER REQUIREMENTS	230V or 110V AC at 50Hz.
POWER CONSUMPTION	Approximately 8 watts at 230V 50Hz.
OPERATING TEMPERATURE RANGE (AMBIENT)	-10°C to +40°C.
WEIGHT OF EQUIPMENT	800 grams.
DIMENSIONS OF EQUIPMENT	Height 70mm Depth 120mm excluding connectors Width 180mm



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