VIDEO DISTRIBUTION AMPLIFIER (1 in 2 out)

TYPE BH88 DATA SHEET

- **12V DC operation**
- **1 input 2 outputs**
- **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 BH88 is a free standing Distribution Amplifier with one signal input and two signal outputs.

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

TECHNICAL DATA
BH88

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 input is terminated internally in 75 ohms.
NUMBER OF OUTPUTS	2 outputs.
INPUT-OUTPUT CONNECTIONS	The input and outputs are all 75 ohm BNC connectors.
OUTPUT SIGNAL PROTECTION	No damage will result should the two outputs be shorted.
OVERALL SIGNAL LINEARITY	Better than 0.25% (unity gain).
FREQUENCY RESPONSE	30Hz to 8MHz flat within ± 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	+12V DC regulated power supply (supplied with unit).
POWER CONSUMPTION	Approximately 0.5 watts.
OPERATING TEMPERATURE RANGE (AMBIENT)	-10°C to +40°C.
WEIGHT OF EQUIPMENT	95 grams.
DIMENSIONS OF EQUIPMENT	Height 32mm Length 90mm (excluding connectors) Width 50mm

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