

**CCTV Equipment****VIDEO DISTRIBUTION AMPLIFIER (1 in 9 out)****TYPE BH66/1****DATA SHEET**

- *9 video outputs*
- *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 BH66/1 is a free standing Distribution Amplifier with one signal input and nine signal outputs. All the connectors are 75 ohm BNC type for coax cable.*

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

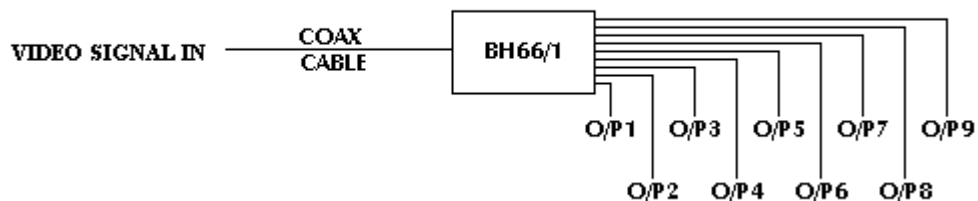
***Addlestone Electronics Ltd***

DESIGNED AND MANUFACTURED IN UK

# TECHNICAL DATA

## BH66/1

<b>INPUT SIGNAL REQUIREMENTS</b>	<i>Composite video in colour / monochrome or other wide band signals within a frequency bandwidth of 30Hz to 5 MHz.</i>
<b>NOMINAL INPUT SIGNAL</b>	<i>1 volt peak to peak.</i>
<b>NOMINAL OUTPUT SIGNAL</b>	<i>1 volt peak to peak.</i>
<b>INPUT IMPEDANCE</b>	<i>The input is terminated internally in 75 ohms.</i>
<b>NUMBER OF OUTPUTS</b>	<i>9 outputs.</i>
<b>INPUT-OUTPUT CONNECTIONS</b>	<i>Ten BNC 75 ohm connectors are fitted: one for the video input and nine for the video outputs.</i>
<b>OUTPUT SIGNAL PROTECTION</b>	<i>No damage will result should all nine outputs be shorted. A shorted output line will not effect the operation of any Other output.</i>
<b>OVERALL SIGNAL LINEARITY</b>	<i>Better than 0.25% (unity gain).</i>
<b>FREQUENCY RESPONSE</b>	<i>30Hz to 8MHz flat within <math>\pm 1</math> dB at unity gain.</i>
<b>LF RESPONSE</b>	<i>Less than 2% tilt at unity gain with Peak White signal applied and all outputs loaded.</i>
<b>AT UNITY GAIN</b>	<i>Differential Phase &lt; 3 degrees / Differential Gain &lt; 3%.</i>
<b>INTERNAL GAIN CONTROL</b>	<i>Variable from -2dB to +6dB.</i>
<b>INTERNAL HF LIFT CONTROL</b>	<i>Variable from -2dB to +3dB at 5MHz.</i>
<b>POWER REQUIREMENTS</b>	<i>230V or 110V AC at 50Hz.</i>
<b>POWER CONSUMPTION</b>	<i>Approximately 12 watts at 230V 50Hz.</i>
<b>OPERATING TEMP. RANGE</b>	<i>-10°C to +40°C.</i>
<b>EQUIPMENT CASE DETAILS</b>	<i>Housed in light grey polystyrene case, designed for free standing use.</i>
<b>WEIGHT OF EQUIPMENT</b>	<i>770 grams.</i>
<b>DIMENSIONS OF EQUIPMENT</b>	<i>Height 70mm Depth 120mm excluding connectors Width 180mm</i>



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