

SURGE PROTECTION MODULE

TYPE BH140/UU

DATA SHEET

- Coaxial input / Coaxial output
- Helps to protect expensive equipment
- Compact size
- Simple and quick installation



APPLICATION

The BH140/UU helps protect against damage that may be caused by lightning or over-voltage surges in coaxial video cables.

The clamping voltage is a nominal 20 volts. When coupled to a 75 ohm system the Insertion Loss is -3dB at 5MHz.

Peak pulse power is 500 Watts for voltage surges < than one microsecond duration.

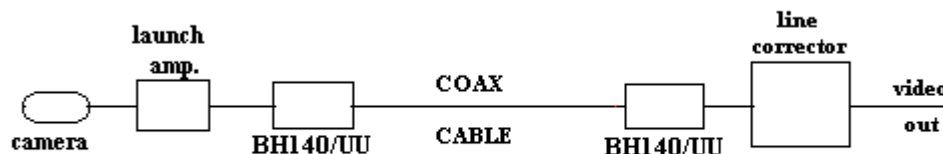
Addlestone Electronics Ltd.

DESIGNED AND MANUFACTURED IN UK

TECHNICAL DATA

BH140/UU

INPUT SIGNAL REQUIREMENTS	Colour / monochrome video signals or other wide band signals within a frequency bandwidth of between 30HZ and 5MHz.
NOMINAL INPUT SIGNAL	1 volt peak to peak.
NOMINAL OUTPUT SIGNAL	1 volt peak to peak.
INPUT CONNECTOR	BNC socket.
OUTPUT CONNECTOR	BNC socket.
INSERTION LOSSES	IN 75 ohm unbalanced system: -1dB @ 50Hz, -3dB @ 5MHz and -6dB @ 10MHz.
CLAMPING VOLTAGE	Nominal 20 volts
PEAK PULSE POWER	500 Watts for voltage surges < one microsecond in duration.
POWER REQUIREMENT	None – this is a passive device.
PERMISSIBLE AMBIENT OPERATING TEMPERATURE	-10°C to +40°C.
EQUIPMENT CASE DETAILS	Housed in grey polystyrene case, designed for free standing use.
WEIGHT OF EQUIPMENT	85 grammes.
DIMENSIONS OF EQUIPMENT	Height 30mm Length 89mm excluding connectors Width 50mm



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