

BH258



Adaptive Video Equaliser, automatic correction up to 1mile (1.6km) with Cat5e/6 UTP cable

Overview

The BH258 unit will automatically equalise a video signal at the push of a button and deliver a high quality video signal over Cat5e/6 cable of up to 1 mile (1.6km). Only a passive balun is required at the camera and this is supplied free of charge along with the 12V DC power supply.



- Fully automatic, no user adjustment required
- Automatic polarity detection and inversion
- Automatically restores settings on power up
- Simple and quick installation
- Automatic cable type compensation
- Low power consumption
- No set-up test equipment required

Technical Information

INPUT SIGNAL TYPE	Balanced composite video signal. NTSC or PAL
INPUT IMPEDANCE	100 Ohm
OUTPUT SIGNAL	1.0V Pk-Pk @ 75 Ohm
SIGNAL INPUT CONNECTOR	Spring-loaded connector, maximum cable size 1.3mm ²
SIGNAL OUTPUT CONNECTOR	BNC male type coax connector
AT UNITY GAIN	Differential Phase < 1.0° Differential Gain < 1%
BANDWIDTH	40Hz to 6MHZ
PERFORMANCE	Equalise a video signal over Cat5e/6 cable of up to 1 mile (1.6km). Distance reduced for lower performing cable types.
POLARITY DETECTION	Automatic detection & correction of inverted input
SURGE PROTECTION	Transorbs and gas tubes fitted as standard
POWER REQUIREMENTS	12V DC @ 115mA.
POWER SUPPLY	Included power supply 230V AC maximum 2 Watts consumption. 110V power supply available on request
POWER CONNECTOR	Screw terminal maximum cable size 4mm ²
OPERATING TEMP. RANGE	-30 to +45 degrees Celsius
CONTROLS	Auto setup button
INDICATOR LED's	Green LED indicates power Yellow LED indicates signal equalised and 'SET'
DIMENSIONS	132mm L x 45mm W x 23mm H (excluding BNC connectors)
MOUNTING	Via 2 x 3.5mm holes for convenient screw fixing

Ordering Information

For a quotation, further details or technical support and advice, contact us by phone, fax or email, quoting part number BH258. Contact details are below.

Products available for use with BH258:

Part Number	Description
BH207	Video Distribution Amplifier, 1in 4out

Addlestone Electronics Ltd, Church Lane, Bisley, Surrey. GU24 9EA
Tel: +44 (0)1483 480969 Fax: +44 (0)1483 797268

Email: Support@Addlestone-Electronics.co.uk Website: www.Addlestone-Electronics.co.uk