

BH258



Adaptive Video Equaliser, automatic receiver for correction of up to 1mile (1.6km) with Cat5e/6 Unshielded and Shielded 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
- Lifetime Warranty

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 1.5mm ²
SIGNAL OUTPUT CONNECTOR	BNC male type coax connector
AT UNITY GAIN	Differential Phase < 1.0° Differential Gain < 1%
BANDWIDTH	40Hz to 6MHZ
PERFORMANCE	Will equalise a video signal on the following cable types: Cat5e/6 Unshielded Twisted Pair up to 1 mile (1.6km) Cat5e/6 Shielded Twisted Pair up to 1 mile (1.6km) Standard BT Cable 1/2 mile (800m) *If you have a specific cable you would like us to test, please contact us at the address below.
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, international plug top switch-mode regulated power supply 90 – 265Vac power consumption nominally 3.5 Watts. Supplied with 'country specific' input connector.
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.