

EQ1A VIDEO EQUALISER DATASHEET

C.A. Designs produce a wide range of video distribution products including the **EQ1A**:

This unit is typically used to enable signals from high-resolution video graphics sources to be distributed down long cables.

It can re-condition poor quality video signals.

- Balanced inputs to remove common mode noise (such as mains ripple)
- Adjustable high frequency compensation to reduce cable losses and improve 'sharpness'
- Outputs have individual 75 ohm line driving amplifiers, giving minimum co-channel interaction and optimum performance

Requires a +12v regulated power supply (eg. **C.A. Designs MP7**).

Specification

INPUT SIGNALS:

- RGB analogue video, 1v +/- 6dB
- 75 ohm termination
- CMR > 40dB (balanced inputs)
- Connectors: 3 @ BNC

OUTPUT SIGNALS:

- RGB analogue video, 1v +/- 6dB (gain adjusts with distance compensation)
- 75 ohm impedance
- Adjustable HF compensation (picture sharpness)
- Video bandwidth >100MHz
- Connectors: 3 @ BNC sockets

POWER SUPPLY:

- 12v +/- 0.25v @ 100mA
- Coaxial DC connector with 2.1mm positive center pin

MECHANICAL:

- Beige ABS plastic box, flame retardant to UL94-V0
- 30mm high x 60mm wide x 100mm deep