

CENTRAL SECURITY DISTRIBUTION

Quad Video Balun

Features:

- Offers 4 video paths from BNC Female into 1 RJ45 socket.
- Bi-directional signal conversion.
- High Reliability and Durability
- Housed in a fire retardant wall mountable Case
- Impedance 75 to 100 Ohm
- Low cost, high quality and performance
- Passive device (no power supply required)
- Stable over working temperature between 0 C to +55 C



In many security applications, video signal is carried over 75 ohm coaxial cabling and there is a need to convert to balanced transmission using lower cost 100 ohm

These Quad Baluns enable 4 video signals to be interfaced using coaxial on one side to twisted pair cabling on the other using modular RJ45 connectors to achieve quick and reliable connections.



twisted pair cables.

Specifications:

Bandwidth: DC to 8MHz Insertion Loss: < 2 dB to 8MHz

Impedance: 75 ohm Coaxial, 100 ohm RJ45

Maximum Signal Voltage: 1.1 Vp-p

Return Loss: > 15 dB to 8 MHz Cross Talk: > 50 dB to 8 MHz Common Mode Rejection: > 40 dB @ 8 MHz **RJ45 Contacts:** Gold, 50 micro inch

RJ45 Pin Out: 1 (+), 2 (-) 3(+), 6(-)

5 (+), 4 (-) 7 (+), 8 (-)

Temperature Range: 0 to 55 °C operating, 95% Relative Humidity

Casing: Fire Retardant Plastic ABS UL 94V-0

Maximum Distance: Color: Up to 400 m Cat 5e B&W: Up to 600 m Cat 5e

Dimensions: 81 x 60 x 24 mm

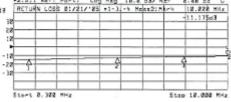
Compatible with: E10172B

Note: Specifications subject to change without notice.

Typical Test Results



Typical Crosstalk



Typical Return Loss



Quad Video Balun BNC Female



Quad Video Balun **BNC Female Bulkhead Panel Mount** Part Number: E10172B

19" 1RU Quad Video Balun Panel (Unloaded) Mounts 4 Quads Part Number: E10172P

19" 1RU Quad Video Balun Panel (Unloaded) with Designation Strip Part Number: E10172PS

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