

Quad Video Balun



**Quad Video Balun
BNC Female
Part Number: E10172**

Features:

- Offers 4 video path 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

Application:

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 twisted pair cables.

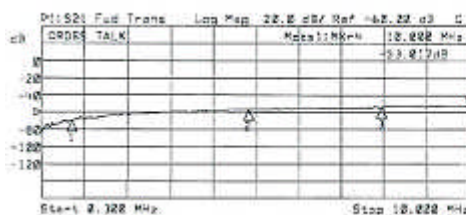
These Quad Baluns enable 4 video signals to be interfaced using coaxial on one side to twisted pair cabling on the other using modular RJ45 connectors to achieve quick and reliable connections.

Specifications:

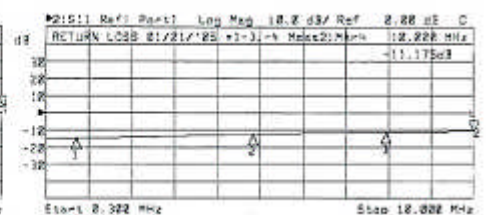
Bandwidth:	DC to 8MHz
Insertion Loss:	< 2 dB to 8MHz
Impedance:	75 ohm Coaxial, 100 ohm RJ45
Maximum Signal Voltage:	1.1 Vp-p
Return Loss:	> 12 dB to 8 MHz
Cross Talk:	> 51 dB to 8 MHz
Common Mode Rejection:	>40 dB @ 8 MHz
Contacts:	Gold, 50 micro inch
Temperature Range:	0 to 55 °C operating, 95% Relative Humidity
Casing:	Fire Retardant Plastic ABS UL 94V-0
Maximum Distance:	Color: Up to 400 m Cat 5 B&W: Up to 600 m Cat 5

Note: Specifications subject to change without notice.

Typical Test Results



Typical Crosstalk



Typical Return Loss

Exico Connectors

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Drawing Outline

Note: An Installation Guide for Video Balun installations is available on request. For optimum results the recommendations provided in the guide must be followed.