

## Power Through Balun with LED Monitor

### Features:

- BNC Male Power Through Video Balun and Video.
- With 300 mm cable BNC Male and Power Feed.
- Feed AC or DC Power up Cat 5 Cable to Camera.
- Exceptional performance, High Reliability and Durability.
- Housed in a fire retardant wall mountable Case.
- Uses 3 pairs of Cat 5 cable for power feed for maximum range.
- High quality and performance.
- Passive device (no power supply required).
- Stable over working temperature between 0 °C to +55 °C.



**Power Through Video Balun  
BNC Male to RJ45 Jack  
with 300mm lead  
Part Number: E10524**

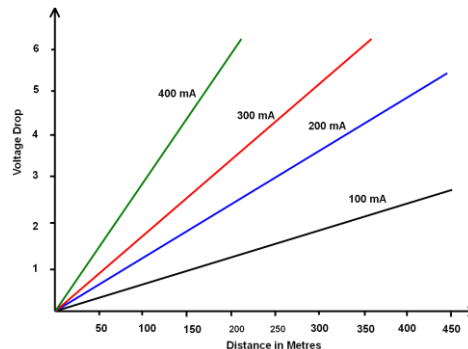


**Power Through Video Balun  
BNC Male to RJ45 Jack  
with 500mm lead  
Part Number: E10524L**

### Application:

In installations where power is not available at the camera end and Cat 5 cabling is used for backbone cabling, power can be fed to the camera using E10524 Power Through Balun to interconnect the camera using spare capacity on the Cat 5 cable.

The maximum distance between the camera and the hub depends on the power requirements of the camera. The figure below will serve as a guide in determining the approximate distance that can be achieved using Power Through Video Balun E10524.



### Specifications:

|                         |   |
|-------------------------|---|
| Bandwidth:              | DC to 8 MHz   |
| Insertion Loss:         | < 2 dB to 8 MHz   |
| Impedance:              | 75 ohm BNC, 100 Ohm RJ45  |
| Maximum Signal Voltage: | 1.1 Vp-p  |
| Cable Length:           | 300 mm  |
| Return Loss:            | > 15 dB to 8 MHz  |
| Common Mode Rejection:  | > 40 dB @ 8 MHz   |
| Indicator LED:          | Red for AC or DC Power On                                       |
| Connectors:             | Video: BNC Male<br>Power: Bare Fig 8 (Solid Red (+), Black (-)) |
| Pinout for RJ45 Jack:   | Video 7(+) / 8 (-)<br>Power 1, 3, 5 (+) / 2, 4, 6 (-)           |
| RJ45 Contacts:          | Gold 50 micro inch  |
| Temperature Range:      | 0 to 55 °C operating, 22 to 80°C Storage                        |
| Casing:                 | 95% Relative Humidity<br>Fire Retardant Plastic ABS UL 94V-0    |
| Maximum Distance:       | Video Only Colour: Up to 400m<br>Video and Power: Up to 300m    |

Note: Specifications subject to change without notice.

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