

1 Channel CCTV Power-thru Balun



The CCTV Power-thru Balun provides the transmission of video signals and remote power via a single UTP (unshielded twisted pair) cable for more versatile cabling. The CCTV Power-thru Balun is used in pairs that allow you to eliminate more expensive coaxial cable, which include coupling signals from remote video cameras to display systems, video capture, security and surveillance monitoring applications.

Balun Specifications

Bandwidth	Video DC to 8 MHz
Maximum Input	1.0 Vp-p
Impedance	75 Ω to 100 Ω
Insertion Loss	Maximum 2 dB per pair over the frequency range DC to 8 MHz
Return Loss	> 15 dB over the frequency range DC to 8 MHz
Common Mode Rejection	> 40 dB
Connectors	RJ45 jack, BNC male
Cable UTP	CAT5 or better Impedance: 100 Ω at 1 MHz
Cable BNC	Impedance: 75 Ω at MHz
Maximum Distance CAT5	Color: 2,230 ft. Monochrome: 2,250 ft.
Maximum Input Voltage	50 V (AC RMS/DC)
Maximum Current Rating	4.5A (AC RMS/DC)

General Information

Operating Temperature	14°F to 122°F (-10°C to 50°C)
Operating Humidity	95% RH Max
Dimensions	33 x 21 x 24.2 mm

