

Overview

The VideoEase CCTV Balun allows a single CCTV video signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable.

Used in pairs, the CCTV Balun eliminates costly and bulky coaxial cable, allowing CCTV security and surveillance equipment to be connected using standard structured cabling techniques for neater and more streamlined cabling.

The CCTV Balun is available in two models; CCTV Screw Terminal Balun (500009) and Modular CCTV Balun (500000). Both models may be used interchangeably.

Benefits

Cost savings - eliminate costly coaxial cable
 Quicker moves, adds and changes
 Neater wiring



Features

- Eliminates coax cable
- Up to 2200 feet via Cat 5 UTP
- Strain relief (500009)
- Compact design
- Low return loss
- Lifetime warranty

Specifications	
Environment	Close-Circuit TV (CCTV) equipment for security and surveillance.
Devices	CCTV cameras , monitors, switchers, sequencers, multiplexers, digital video recorders (DVR) and other CCTV equipment.
Transmission	Transparent to the user.
Bandwidth	Video: DC to 8 MHz.
Maximum Input	1.1Vp-p
Insertion Loss	Less than 2 dB per pair over the frequency range from DC to 8 MHz
Return Loss	Greater than 15 dB over the frequency range from DC to 8 MHz
Common Mode Rejection	Greater than 40 dB @ 8 MHz
Max. Distance Colour	Cat 3 –1200 ft; Cat 5 – 2200 ft.
Max. Distance Black & White	Cat 3 –1500 ft; Cat 5 – 2500 ft
Cable – UTP	24 gauge or lower solid copper twisted pair wire impedance: 100 ohms at 1 MHz Maximum capacitance: 20 pf/foot. Attenuation: 6.6 dB/1000 ft at 1 MHz
Cable – BNC	Impedance: 75 ohms at 1 MHz (RG59/U). Maximum 25 ft. of coax allowed per end to end link.
Connectors <i>Reverse polarity sensitive</i>	500000: RJ45 Pins 7&8 500009: Two (2) screw terminals
Impedance	Input: 75 ohms (BNC) Output: 100 ohms (RJ45)
Temperature	Operating: 0 to 55 C. Storage:-20 to 85 C. Humidity: up to 95%
Enclosure	ABS fire retardant plastic
Dimensions	500000: 1.75" x .75" x 1.00" 500009: 2.30" x 0.62" x 0.62"
Warranty	Lifetime
Order Information	500000 VideoEase CCTV Balun, RJ45 500009 VideoEase CCTV Balun, Screw Terminals

VideoEase CCTV Balun

Typical Application

