

### Overview

The VideoEase CCTV Mini 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 flexible mini coax cable lead allows the product to fit neatly inside CCTV camera back boxes and dome camera enclosures.

The CCTV Balun also works in conjunction with other MuxLab CCTV baluns such as the 500000, 500009 and 500015 for a complete cabling solution.



### Features

Fits inside CCTV dome cameras and back boxes.

Compatible with other MuxLab CCTV baluns

Up to 2200 feet (670m) via Cat 5 UTP\*

Cable strain relief

\* Shorter distances may be achieved when used with DVRs.

Specifications	
<b>Environment</b>	Close-Circuit TV (CCTV) equipment for security and surveillance.
<b>Devices</b>	CCTV cameras, digital video recorders (DVR), monitors, switchers, sequencers, multiplexers and other CCTV equipment.
<b>Transmission</b>	Transparent to the user.
<b>Bandwidth</b>	Video: DC to 8 MHz.
<b>Maximum Input</b>	1.1Vp-p
<b>Insertion Loss</b>	Less than 2 dB per pair over the frequency range from DC to 8 MHz
<b>Return Loss</b>	Greater than 15 dB over the frequency range from DC to 8 MHz
<b>Common Mode Rejection</b>	Greater than 40 dB @ 8 MHz
<b>Max. Distance Colour</b>	Cat 3 – 1200 ft (365m); Cat 5 – 2200 ft (670m)* * Shorter distances may be achieved when used with DVRs.
<b>Max. Distance Black &amp; White</b>	Cat 3 – 1500 ft (457m); Cat 5 – 2500 ft (762m)
<b>Cable – UTP</b>	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
<b>Cable – BNC</b>	Impedance: 75 ohms at 1 MHz (RG59/U mini coax). Maximum 25 ft. of coax allowed per end to end link.
<b>Connectors</b> <i>Reverse polarity sensitive</i>	Two (2) screw terminals for twisted pair BNC-F for coax
<b>Impedance</b>	Input: 75 ohms (BNC) Output: 100 ohms (screw terminals)
<b>Temperature</b>	Operating: 0° to 55° C. Storage: -20° to 85° C. Humidity: up to 95%
<b>Enclosure</b>	ABS fire retardant plastic
<b>Dimensions</b>	2.30" (5.8 cm) x 0.62" (1.6 cm) x 0.62" (1.6 cm) plus 8" (20.3 cm) mini coax lead
<b>Warranty</b>	Lifetime
<b>Order Information</b>	500023 VideoEase CCTV Mini Balun

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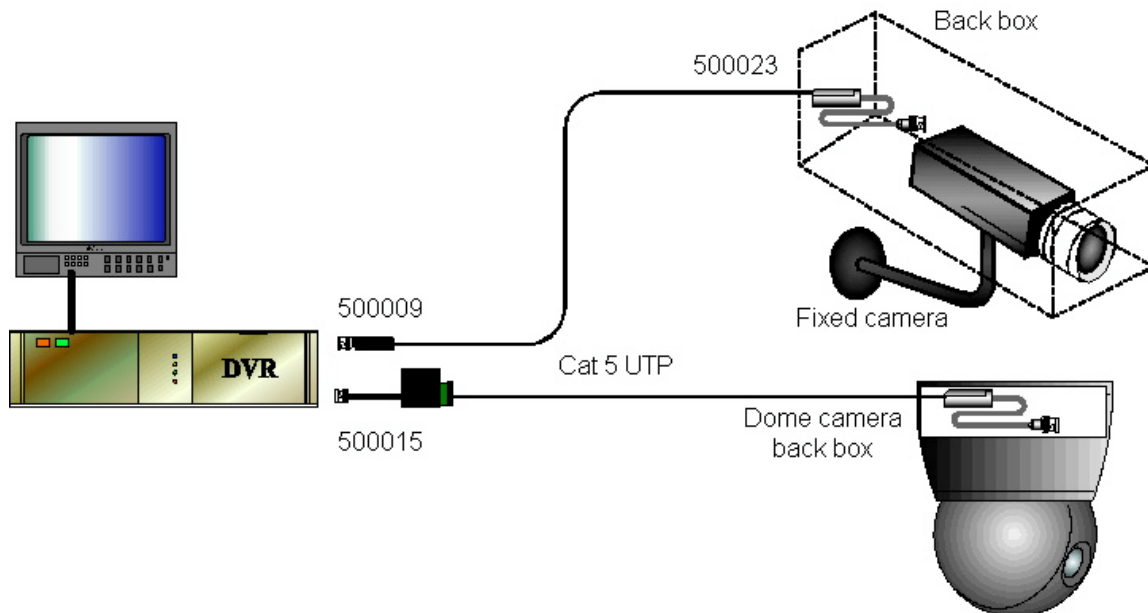
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**Typical Application**



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