



# LEMAR INDUSTRY CORP.



## CCTV BALUN Keystone to Toolless IDC with cover type

### Description:

The CCTV Video Balun allows base-band composite video signals to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. The CCTV Balun is used in pairs to allow you to eliminate more expensive coaxial cable, including coupling signals from remote video cameras to display systems, video capture, security and surveillance monitoring applications.

The use of existing twisted pair infrastructure such as telephone cable and cat.5 computer networking cables are also available. All our Baluns are 100% test for reliability and durability to guarantee your signal integrity.

### Features:

1. Keystone type is designed for snapping in keystone jack panel/face plate.
2. Toolless IDC with cover is designed to terminate wires by hand, without punch down tool for faster and easier installation.

### Specification:

Environment	Close-Circuit TV (CCTV) equipment for security and surveillance.
Devices	CCTV cameras, monitors, multiplexers, digital video recorders (DVR) and other CCTV equipment.
Bandwidth	DC to 8MHz
Maximum input	1.0Vp-p
Impedance	75 ohm to 100 ohm
Insertion loss	Max. 2dB per pair over the frequency range from DC to 8MHz
Return loss	Greater than 15dB over the frequency range from DC to 8MHz
Common mode rejection	Greater than 40dB at 8MHz
Connectors	Toolless IDC, BNC Male or optional
Cable-UTP	Cat 5 or better, 24 gauge typical Max. capacitance :20pf/ft Attenuation: 6.6dB/1000ft at 1MHz
Cable-Coax	Impedance: 75ohm at 1MHz (RG6) Max. 25ft. of coax allowed per end to end link
Max. distance	Color: Cat.5 2230ft (680 Meter) across Cat 5 Cable Monochrome: Cat.5 2550ft (780 Meter) across Cat 5 Cable  No qualified cable might decrease the transmission distance
Environment required	Operating temp. 0 to 55° C Storage temp. -22 to 85°C Humidity up to 95%

### Application



All contents are subjected to change without notice.