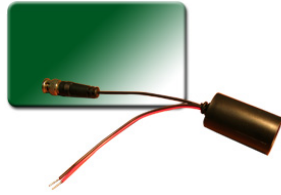




LEMAR INDUSTRY CORP.



CCTV BALUN Power-thru Type Video and Power (Lead Free)

PART NO.: B167M2610V-DLF

STOCK NO.: 112193

Description:

The CCTV Power-thru Balun allows video signals and remote power to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. The CCTV Power-thru 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.

Specification:

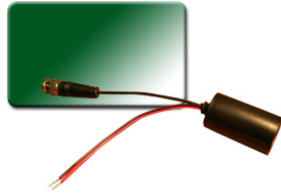
Environment	Close-Circuit TV (CCTV) equipment for security and surveillance.
Devices	CCTV cameras, monitors, switchers, sequencers, multiplexers, digital video, recorders (DVR) and other CCTV equipment.
Connectors	RJ45 jack, BNC Male, DC Power plug
Cable-UTP	24 gauge or lower solid copper twisted pair wires impedance 100ohm at 1MHz Max. capacitance :20pf/ft Attenuation: 6.6dB/1000ft at 1MHz
Cable-BNC	Impedance : 75ohm at 1MHz(RG59/U) Max. 25ft. of coax allowed per end to end link
Max. distance	Color: Cat.5 2230ft (680 Meter) Monochrome: Cat.5 2550ft (780 Meter)
Environment required	Operating temp. 0 to 55° C Storage temp. -22 to 85°C Humidity up to 95%
Dimension	33.0x21.0x24.2mm

Electrical Characteristic and Performance :

Bandwidth	Video DC to 8MHz
Maximum input	1.1Vp-p
Impedance	75 ohm to 100 ohm (or 75ohm to 120ohm on request)
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



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Remote Power : (ie: 24VAC, 28VAC)

Max. Distance @ 24VAC via three pairs:	5VA: 519ft (170m), 10VA: 258ft (85m) 20VA: 130ft (43m), 30VA: 86ft (28m) Based on 10% voltage drop at camera. Longer distance may be achieved @ 28VAC
Maximum input voltage:	50Volts (AC RMS/DC)
Maximum current Rating:	4.5A (AC RMS/DC)

Warranty:

Lemar warrants that the product is to be free from defect in materials and workmanship, for the life of the product. The warranty given by Lemar is in lieu of any other warranties, express or implied. This warranty does not apply to units abused through misuse or subjected to improper and/or excessive voltage, beyond our control. Lemar assumes no responsibility for damages or penalties incurred resulting from the use of the products. Lemar's liability under any warranties shall be discharged by replacing or repairing, at our option, the defective products. Lemar's liability for any product shall not exceed a refund of the purchase price. The warranty listed here is intended only as a summary of your full and complete warranty. The warranty of Lemar is 5 years.