

CCTV/CATV Baluns

Connect-IT 310 Passive CCTV Baluns



Why use expensive and difficult-to-manage coax cabling when you can use inexpensive twisted-pair?

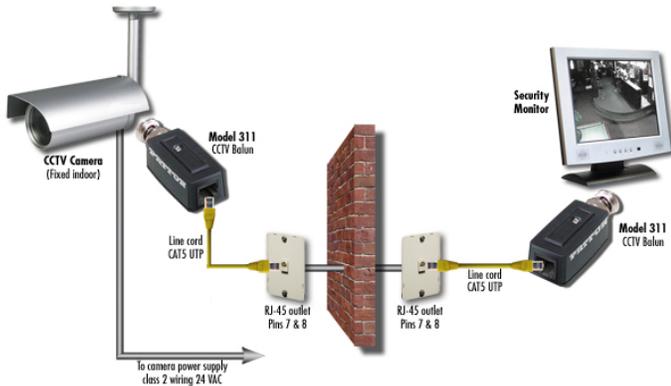
Overview

The Model 310M CCTV Modular Balun allows a single composite CCTV video signal to be transmitted via a single unshielded twisted pair for more versatile security and surveillance cabling. Used in pairs, the CCTV Balun eliminates costly and bulky coax cable.

Features

- Communicate over existing telephone lines or other twisted pair media
- Connect twisted pair using RJ45 or terminal block
- Distances up to 2,230 feet (680 meters) over Cat5 cable
- No AC or power required and supports bi-directional signal conversion

Applications



Specifications

UTP: 24 gauge or lower, twisted pair

Impedance: 100 Ohm at 1 MHz

Max. Capacitance: 20 pf/ft

Attenuation: 6.6 dv/1000 ft @ 1 MHz

BNC: Impedance: 75 Ohm @ 1 MHz (RG-59)

Bandwidth: Video DC to 8 MHz

Maximum Input: 1.1 Vp-p

Impedance: 75 to 100 Ohm

Insertion Loss: Max 2 dB per pair over 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 at 8 MHz

Active Pins: 8+ 7-