

## Composite Video Single Path Balun Adaptors



### Description

These Balun Adaptors allow bulky and expensive coaxial cable to be replaced by category 5 data grade twisted pair cable.

Used in pairs these baluns provide easy connection via a BNC plug and RJ45 socket to CCTV composite video and security systems. The panel mount version, Part Number TKMCVBA-PM can be mounted in a standard 19" rack, using our 1U Combi Panel.

[Click Here](#) to see Panel Mount Version.

### Features and Benefits

- Bi-Directional
- Plug & Go
- Low Insertion Loss
- No AC Power or Batteries Required
- 100% Tested

### Specifications

75 ohm Connections	BNC Plug
120 ohm Connections	Shielded RJ45
Matching	75 to 100 ohm, nominal
Transmission Bandwidth	50Hz to 8MHz
Transmission Distance (Cat 5)	650 metres, colour. 750 metres, B&W
Synchronisation	Composite
Common Mode Rejection	Greater than 40dB at 8Mhz
Insertion Loss	Less than 2dB per pair from DC to 8Mhz
Return Loss	Greater than 15dB over the frequency range from DC to 8Mhz
Signal Voltage	0.6 to 1.5V RMS
Dimensions	36.0mm x 24.2mm 21mm
Wiring Scheme	4 - Tip, 5 - Ring
Materials	Case - ABS UL-94V0 Fire retardant Plastic
Weight	<0.1Kg
Warranty	5 Years, Parts and Labour
MTBF	Estimated 30 Years
Operating Temperature	0° to 50° C
Power Requirements	None
Harmonisation Code	8544 - 42 - 10

Part Numbers	Description
TKMCVBA-SP	Composite Video Balun Adaptor
TKMCVBA-PM	Composite Video Balun Panel Mount
TKPP16TC-BA	Combi Panel, 1U, 19"