

CAT5/6/7 VGA/Component & Audio Baluns



KD-CAT5XRCA

Video/Audio Balun with RCA and CAT5/6/7 Connections



Key Features

- › Versatile engineering enables support of virtually any analog video signal, any analog or digital audio signal, as well as IR and RS-232 with necessary adapters
- › Shielded RJ45 Connector
- › Optimized for UTP cable
- › Passive (no power supply required)

Key Benefits

- › Each unit can act as either transmitter or receiver
- › Extends Component (YPrPb) Video signals up to 300 ft. for best quality, 500 ft. for better quality, and 1000 ft. for good quality over a standard UTP CAT5/6/7 cable
- › Extends IR & Bi-Directional RS-232 up to 1,000 ft.
- › KD-C5CWP, KD-CAT5XRCA, KD-CAT5XBNC can be used with each other
- › Dip Switches help defeat grounding issues

Additional SKUs

KD-CAT5XBNC	CAT5 (Component and Digital Audio) Rx/Tx with BNC Connectors
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KD-C5CWP

Video/Audio Wall Plate Balun with RCA and CAT5/6/7 Connections



Specifications

Technical:

- › **Inputs:** Tx - 4 RCA connectors for YPrPb/VGA 1Vpp/75Ω and S/PDIF or any other 4 combinations of and format of video, audio, RS-232 or IR signaling.
Rx - 1 CAT5 line In on an RJ45 shielded connector
- › **Outputs:** Tx - 1 CAT5 line In on an RJ45 shielded connector.
Rx - 4 RCA connectors for YPrPb/VGA 1Vpp/75Ω and S/PDIF or any other 4 combinations of and format of video, audio, RS-232 or IR signaling
- › **Max Video Input Level:** VGA, YPrPb, or Composite: 1.2Vpp on 75Ω terminated at display, DC coupling
- › **Max Video Output Level:** VGA, YPrPb, or Composite: 1.5Vpp on 75Ω terminated at display, DC coupling
- › **Resolution:** Any video resolution from 480i to HDTV/XGA
- › **Equalization:** Passive impedance matching and fixed equalization
- › **Video S/N Ratio:** 58 dB RMS un-weighted; 65 dB RMS @5MHz weighted, optimal EQ
- › **Video Isolation (Crosstalk):** -49 dB @ 5 MHz
- › **Ground Isolation:** Each of 4 channels has a dip switch for connection to the common ground and the shield of the RJ45 connector
- › **Power:** Passive (no power)

General

- › **Regulation:** CE, RoHS, WEEE
- › **Rack Mount:** KD-CAT5XRCA – Bracket (included). KD-C5CWP – Wall Plate.
- › **Enclosure:** Molded ABS
- › **Product Dimensions:** L = 3.8" W = 1.25" H = 3.25"
- › **Shipping Carton Dimensions:** L = 4.75" W = 1.75" H = 6.75"
- › **Product Weight:** 0.5 lb
- › **Shipping Weight:** 1 lbs

System Design Example

