CAT5/6/7 Audio Baluns (Passive)

KD-CAT5XST

Audio Balun with RCA and CAT5/6/7 Connections

Tx Rx

FatCAT
S E R I E S

Specifications

Technical:

» **Inputs:** Tx - 2 RCA connectors for L/R Analog 1Vpp/75Ω and S/PDIF or any other 2 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 - 2 RCA connectors for L/R Analog 1Vpp/75Ω and S/PDIF or any other 2 combinations of and format of video, audio, RS-232 or IR signaling

» **Max Video Input Level:** Composite: 1.2Vpp on 75Ω terminated at display, DC coupling

» **Max Video Output Level:** Composite: 1.5Vpp on 75Ω terminated at display, DC coupling

» **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:** Bracket (included)

» **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

» **Accessories:** Mounting Bracket

Key Features

› Versatile engineering enables support of any analog or digital audio signal, Composite or S-Video, as well as IR and RS-232

› Extended bass performance and superior frequency response

› Shielded RJ45 Connector

› Optimized for UTP cable

› Passive (no power supply required)

Key Benefits

› Each unit can act as either transmitter or receiver

› Extends Analog Audio Signals up to 500 ft., and Digital Audio Signals up to 300 ft.

› Extends IR & Bi-Directional RS-232 up to 1,000 ft.

› Dip Switches help defeat grounding issues

System Design Example