

[CAT5/6/7 Balun Devices]

CAT5/6/7 VGA/Component & Audio Baluns



KD-CATCVA

NEW

Video/Audio VGA/Component CAT5/6/7 Cable Extender



KD-CVARX

NEW

Video/Audio VGA/Component CAT5/6/7 Receiver



KD-CATCV

NEW

VGA/Component Video over CAT5/6/7 Cable Extender



Specifications

Technical:

- Inputs/Outputs: 1Vpp/75Ω VGA/UXGA on an HD15 male connector; YPrPb 1Vpp/75Ω on VGA female to three RCA female breakout cable; 1 0dBu/1kΩ, 0.5V/75Ω Stereo analog balanced or unbalanced audio on a 3.5 mm stereo female or male connector. (KD-CVTV) 1 1Vpp/75Ω VGA/UXGA on an HD15 male connector; 1 CAT5 line in on a shielded RJ45 connector (video/audio); KD-CATCV models exclude audio connection.
- Resolution: Up to UXGA; 1080p
- Equalization and Gain Adjustment: Manual adjustment by two potentiometers (Gain, EQ) for CAT5 cable length measurement up to 1,000 ft.
- K-Factor: 0.22 % @ optimal EQ
- Video Isolation (Crosstalk): -45 dB @ 5 MHz
- Analog Audio Max Input/Output Level (Excludes KD-CATCV Models): 4dBu on AC coupling (input); 4dBu on DC coupling (output)
- Audio Bandwidth (Excludes KD-CATCV Models): 20Hz to 20kHz, @ 0dBu
- Analog Audio Sample Rate Conversion (Excludes KD-CATCV Models): 48kHz
- Resolution Conversion (Excludes KD-CATCV Models): 24 bits
- Power: External Power Supply – 5V DC / 1A

Key Features

- KD-CATCVA contains 1 KD-CVATX Transmitter & 1 KD-CVARX Receiver Balun
- KD-CATCV contains 1 KD-CVTV Transmitter & 1 KD-CVRX Receiver Balun
- Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz)
 - SD & HD: 480i, 480p, 720p, 1080i, 1080p
 - VESA / VGA (RGBHV): From 640x480p up to 1920x1200p
- Includes breakout cable for Component video
- Cable EQ Adjust Screw, Video Gain Adjust Screw, Video Gain / Audio Switch
- 3.5mm Connector Supports Stereo or Mono Audio

Key Benefits

- Transmits (KD-CVATX, KD-CVTV) and Receives (KD-CVARX, KD-CVRX) VGA (RGBHV) or Component (YPrPb) Video signals up to 1,000 feet over a standard UTP CAT5/6/7 cable
- KD-CATCVA and KD-CVARX support two-channel Stereo or Mono Audio up to 1,000 feet over standard UTP CAT5/6/7 cable
- KD-CATCV supports video only. All audio features apply to KD-CATCVA and KD-CVARX models only.

System Design Example

