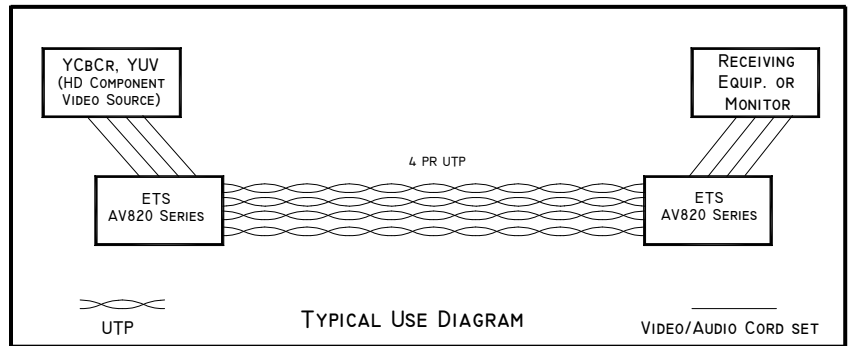


# AV820 Series

# High Definition Component Video + Audio Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>Send High-Definition Component video and audio signals on UTP at distances of up to 500 ft</li> <li>Increased pixel resolution with a bandwidth of 270 MHz</li> <li>Passive unit: no power required</li> <li>RCA jacks for home theater</li> <li>BNC connectors for professional use</li> <li>Meets FCC Class A</li> <li>Superior signal balancing, lower crosstalk, less ingress and ghosting</li> <li>Utilizes existing telecom wiring</li> <li>Sturdy compact plastic case</li> <li>Made in USA</li> <li>100% tested</li> </ul>	<p>The <b>ETS AV820 Series of High Definition Component Video + Audio Baluns</b> are designed for ease of use and consistent signal labeling in applications that utilize component video signals.</p> <p>Component video formats include RGB, YUV, YIQ and YCrCb. Custom labeling is available for use with your application as required (YCrCb shown above). Due to custom labeling requirements, additional lead times <i>may</i> apply for these products.</p> <p>YCrCb component video is a recent addition to consumer equipment found on some DVD players, high-end televisions and home theater equipment. Professional uses include cameras and VTRs based upon any of the above standards.</p> <p><b>High Definition Component Video + Audio</b> for high-end home and professional theaters will transmit signals from 480p to 1080p resolution video.</p> <p><b>AV822 requires two Category 5 cables for transmission.</b></p>	<ul style="list-style-type: none"> <li>DVD / Home Theater</li> <li>Broadcast Studios</li> <li>Production and Post-Production Facilities</li> <li>Video Projection Systems</li> <li>Conference Rooms</li> <li>Schools</li> <li>Healthcare Facilities</li> </ul>

Specifications		Product Ordering Information	
Bandwidth	Flat to 270 MHz (Video, per channel)	AV822	HDCVB + Stereo Audio, (5) RCA jacks to (2) RJ45 jacks
	10 Hz to 20 KHz (Analog Audio)		Video: pins 1,2,3,6,7 & 8 on RJ45 jack #1
	20 KHz to 60 KHz (Digital Audio)		Audio: pins 1,2,3 & 6 on RJ45 jack #2
Common Mode Rejection	>50dB (Video)	AV823	HDCVB + Mono Audio (4) RCA jacks to RJ45 jack, all pins
Impedance	600:600 (Analog Audio)	AV824	HDCVB + Digital Audio (4) RCA jacks to RJ45 jack, all pins
Isolation	500 V (Analog Audio, per channel)	AV825	HDCVB + Mono Audio (3) FBNCs + (1) RCA to RJ45 jack
Connectors	FBNC's or RCA jacks to RJ45 jack	AV826	HDCVB + Digital Audio (3) FBNCs + (1) RCA to RJ45 jack
Distance	500 ft	PV890-J3	Set of 3 Coax RG59U jumper cables, 12" each
Dimensions	75mm x 113mm x 25mm (AV822)		
	66mm x 68mm x 28mm (AV823 & 824)		
	66mm x 83mm x 28mm (AV825 & 826)		
Net Weight	0.1 kg (AV823,824,825&826), 0.15 Kg (AV822)		
			<u>Note:</u> Video: Y (pins 7,8), Cr (pins 1,2), Cb (pins 3,6) Audio: (pins 5,4)

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 Revised 4/24/14



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