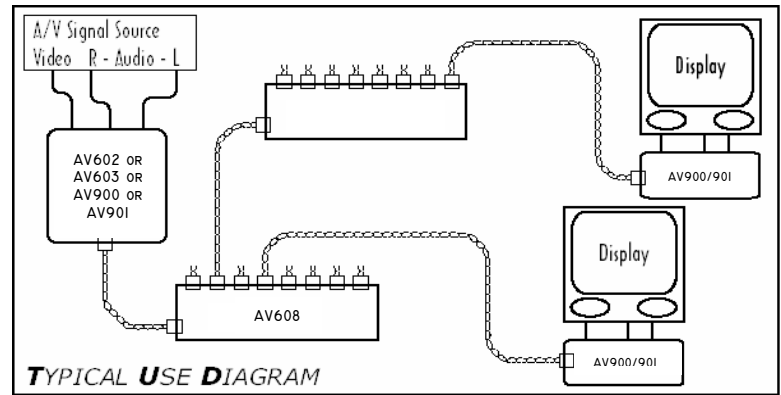


# AV600 Series

# Baseband Video + Audio Distribution



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>Run video and stereo audio signals over Cat5 or better wiring.</li> <li>Up to 512 outputs possible from a single source.</li> <li>For efficiency, the system balances the input signal, distributes on UTP, and converts back at each display.</li> <li>Complete system design flexibility, with components that can be hundreds of feet apart.</li> <li>Low power requirements for the Hubs: display baluns need no external power</li> <li>Made in USA, 100% tested</li> </ul>	<p>The <b>ETS CAT5 A/V Broadcast System</b> is a <b>UTP Audio/Video Distribution Hub</b>. It has baseband video with two channels of line-level audio transmit through the distribution amplifier, creating <b>8 out-put sets</b> (video + stereo audio) from a single source. The powered <b>AV608</b> can be cascaded twice (three tiers), yielding a total distribution of <b>512 displays</b> from just one input source.</p> <p>NTSC, PAL, SECAM or CCTV signals are converted to and from UTP using the <b>AV900</b> or <b>AV901 Baseband Audio/Video Baluns</b>. Alternatively, the <b>AV602</b> or <b>AV603 Isolated Video/Audio Source Balun</b> may be used between the signal source and the first <b>AV608</b>. The <b>AV602</b> or <b>AV603</b> provides full isolation of the video signal, preventing the visual artifacts that can be caused by ground loops.</p> <p>The <b>AV608 System</b> supports color video and stereo audio over a total run length in excess of 330 meters (inclusive of all cable segments) on Category 5 or better cable. Black and white signals will typically be supported up to 750 meters.</p>	<ul style="list-style-type: none"> <li>Point-of-Sale and In-store Advertising</li> <li>Information and Entertainment Distribution</li> <li>Educational Installations</li> <li>Healthcare Facilities</li> <li>Worship Halls</li> </ul>

Specifications		Product Ordering Information	
Bandwidth	Flat to 60 MHz (video) / 10Hz to 20kHz (audio)	AV602	Isolated Video/Audio Source, (1) FBNC + (2) RCA Jack to RJ45 Jack, pins 1,2,3,6,7&8
Connectors	BNC or RCA (video) / (2) RCA (audio) to RJ45 (pairs 2, 3 & 4 - Cat5)	AV603	Isolated Video/Audio Source, (3) RCA Jack to RJ45 Jack, pins 1,2,3,6,7&8
Crosstalk	>50dB (video)	AV608	UTP Audio/Video Distribution Hub, 8 Channel
Impedance	600:600 (audio)		
Isolation	Audio: 500 V (per channel)		
Power In	9-12 VAC, 800mA min. with supplied Adapter.		
Distance	Up to 1000 ft		
Dimensions	AV608: 260 x 165 x 32 mm (10.3 x 6.5 x 1.3 in)		
Dimensions	AV602/603: 140 x 85 x 40 mm (5.5 x 3.4 x 1.6 in)		
Net Weight	AV608: 1.5 kg (3.4#) AV602/603: 0.2 kg (0.4#)		

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