

# AV 501 HD      201-5019-01

## PERFORMANCE SPECIFICATIONS

### And Features

#### Video

Gain: 2 Volt unterminated, 1 Volt Terminated: 75 ohms +/- 5%  
Input Impedance: 75 ohms +/- 5%  
Output Impedance: 75 ohms +/- 5%  
Video Insertion Loss: 50 Hz to 10 MHz < .40 dB  
In to Out Isolation: 50 Hz to 10 MHz 32 dB Port to Port  
Out to In Isolation: 50 Hz to 10 MHz 60 dB  
Return Loss: 50 Hz to 10 MHz 20 dB  
Video Bandwidth: > 100MHz  
Audio Response: > 100kHz

#### Audio

Gain: Unity  
Input Impedance: 22K ohm minimum  
Output Impedance: 1K ohm  
THD: 0.05% at 1.0 Volts input level  
Frequency Response: 20 Hz to 100 kHz  
Channel Separation: > 75dB @ 1kHz  
In to Out Isolation: 60 dB  
Out to Out Isolation: 60 dB  
Signal to Noise: 100 dB re 2 Volts (out)

#### Audio Digital

Supports standard SPDIF digital Audio. Unity Gain when terminated into 75 Ohms (2X gain high imp.). Greater than 50 MHz of bandwidth to ensure minimal degradation. ( if not used for digital audio, this port can be used to Amplifier standard video).

#### Power

Power Supply: 9 to 10 Volt AC @ 1000 mA with 2.1 mm coaxial connector.  
(Power supply is included)