

RMAS8 Audio Splitter Audio Specifications

Switchcraft®

Parameter	Performance	Conditions
Frequency Response	10Hz - 20kHz	+/-0.5dB, ref 1kHz
Total Harmonic Distortion + Noise	< 0.015% < 0.07%	at 1kHz, -20dBu Input, 22kHz Bandwidth at 20Hz, -20dBu Input, 22kHz Bandwidth
Maximum Input Level	+4dBu	at 20Hz with 1% THD+Noise
Input Impedance	> 390Ω	at 1kHz
Output Impedance	< 200Ω	at 1kHz
Common Mode Rejection Ratio (CMRR)	> 108dB	at 60Hz
Deviation from Linear Phase	< 2° < 1° < 24°	at 20Hz at 1kHz at 20kHz
Crosstalk	< -95dB	20Hz - 20kHz, Channel-to-Channel
Voltage Gain		
Direct Output	-2.8dB	+/-1dB
Direct Output (Pad On)	-1.0dB	+/-1dB
Isolated Outputs	-4.0dB	+/-1dB
Isolated Outputs (Pad On)	-44.3dB	+/-1dB
Pad Attenuation	40.3dB	+/-1dB

Notes: All measurements were taken with a 150Ω balanced source and 1.5kΩ loads on all three outputs.

Specifications subject to change without notice.

Revision A (7/14/10)

Mouser Electronics

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