

AMC-0808



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Technical Specification

DSP Processing	Ti 456MHz FLOPS DSP
Number of analog channels	8 Input + 8 Output
GPIO	2 Input
RS485	1
RJ45 control interface	1
Simulated maximum gain	51dB
Digitalizing bit	24bit
Sampling Rate	48k
Frequency Response (20-20KHz)	± 0.2 dB
Analog-to-digital dynamic range (A-weighted)	114dB
Digital-to-analog dynamic range (A-weighted)	120dB
Input to output dynamic range	108dB
Total harmonic distortion + noise	$< 0.003\%$ @ 20-20KHz ,18dBu
Noise floor (A- weighted)	-90dBu
Delay storage	2s
Analog input to output system delay	3ms
Input impedance (balance -type)	20K Ω
Output impedance (balance -type)	100 Ω
Maximum Input Level	+18dBu, balance
Maximum Output Level	+18dBu , balance



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Equivalent input noise EEN (20-20kHz · A-weighted)	≤-131 dBu
Phantom power (per input)	48V
Input common mode rejection · 60Hz	70dB
Channel Isolation · 1kHz	104dB
Dimensions (W*D*H)	482*258*45(mm);
Power Consumption	<24W
Operating Temperature	-10-50°C
Working Power Supply	DC12V/2A
Net Weight	2.5KG