

# RMS Ultimate Series Drop Amplifiers



RMS Model	ADH1	ADH2	ADH4
Number of Output Ports	1	2	4
Surge Withstand:	6KV/200A, 0.5us-100kHz ring wave per IEEE587 C62.41-1991		
Rated Operating Temperature	-40~+70?	-40~+70?	-40~+70?
FORWARD PATH SPECIFICATIONS			
Pass Band (MHz)	54-1002	54-1002	54-1002
Gain	15	11	8
Flatness	±0.7	±0.7	±0.7
Return Loss	20	20	20
Noise Figure	2.5	2.8	2.8
Channel Loading	79 analog		
Composite Triple Beat (dBc)	-75	-75	-75
Composite Second Order (dBc)	-65	-65	-65
Cross Modulation	-75	-75	-75
Hum Modulation	-80	-80	-85
Isolation			
Output to Output		-25	-25
Group Delay (3.58 MHz span)			
Channel 2 (ns)	20	20	20
Channel 3 (ns)	10	10	10
Other Channels	5	5	5
RFI Shielding (dB)	130	130	130
REVERSE PATH SPECIFICATIONS			
Pass Band (MHz)	5-42	5-42	5-42
Return Path Insertion Loss	0.05	-4	-4
Flatness (dB)	±0.3	±0.5	±0.5
Return Loss (dB)	20	20	20
Group Delay (1MHz span)			
5-42 MHz	20	20	20
10-36 MHz	3	3	3
Waterproof	Withstand 15 lbs/inch for 1 Minute		
Power	DC15V		

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