

LINDSAY LSA 151

COMPACT DROP AMPLIFIER

Lindsay Broadband's Subscriber Amplifiers come in various output dB levels, forward only option, reverse only option or the combination of 2 way application. The LSA 151 has one output with 15 dB gain.



PARAMETER		TYPICAL	WORST	UNIT	NOTE
FORWARD PATH 85-1000 MHZ					
Gain		15.0	14.0	dB	
Flatness		± 0.7	± 1.0		
Cross Modulation		-83	-75	dBc	(1)
Composite Triple Beat		-81	-73		
Composite Second Order		-72	-62		
Noise Figure		2.5	4	dB	(2)
CNR			65		
Group Delay	CH2		20	ns	Span 3.58 MHz
	CH 3		10		
	CH 5 >		5		
RETURN PATH 5-65 MHZ					
Insertion Loss		-0.5	-1.0	dB	
Flatness		± 0.3	± 0.5		
Group Delay	5-42 MHz		20	ns	Span 1 MHz
	10-36 MHz		3		
GENERAL SPECIFICATIONS 5-65 MHZ, 85-1000 MHZ					
Impedance		75		Ohm	
Return loss		20	18	dB	All Ports
Hum Modulation		-85	-75		
RFI			-100		
Surge Withstand Capability		6kV 3kA, 8/20us Combo Wave IEEE 587 (C62.41-1991) Category B3 Standard			Fwd IN & Pwr Pack
		6kV 200A, 0.5-100KHz, Ring Wave IEEE 587 (C62.41-1991) Category A3 Standard			Fwd OUT
Operating Temperature		-40-60		°C	
Power Consumption		150		mA	15Vdc
Waterproof		Withstand 15 lbs/inch for 1 minute			All F Ports

