

## Typical Performance Data

FREQUENCY (MHz)	LOW INPUT POWER			POWER OUTPUT (dBm)				DELTA OUTPUT/1dB DELTA INPUT (dB/dB)		
	INSERTION LOSS (dB)	VSWR		+12 dBm INPUT	+20 dBm INPUT	+25 dBm INPUT	+32 dBm INPUT	+12 to +20 dBm INPUT	+20 to +25 dBm INPUT	+25 to +32 dBm INPUT
		Input	Output							
		(:1)								
30.0	0.05	1.23	1.23	9.74	11.16	11.66	12.28	0.18	0.10	0.09
100.0	0.02	1.06	1.05	9.81	10.95	11.23	11.85	0.14	0.06	0.09
500.0	0.04	1.02	1.02	9.12	10.31	10.59	12.21	0.15	0.06	0.23
800.0	0.13	1.02	1.03	8.80	10.18	11.13	8.41	0.17	0.19	-0.39
1040.0	0.09	1.01	1.02	8.85	10.36	10.79	10.61	0.19	0.09	-0.03
1520.0	0.15	1.01	1.02	8.84	10.33	10.04	10.48	0.19	-0.06	0.06
2000.0	0.15	1.04	1.04	8.69	10.88	9.65	9.72	0.27	-0.25	0.01
2500.0	0.21	1.14	1.14	9.29	8.53	7.70	11.71	-0.10	-0.17	0.57
3000.0	0.24	1.20	1.20	9.62	6.28	7.18	12.47	-0.42	0.18	0.76
3500.0	0.26	1.14	1.15	9.63	4.90	6.72	12.89	-0.59	0.36	0.88
4000.0	0.30	1.01	1.05	9.98	3.71	6.21	13.45	-0.78	0.50	1.03
4500.0	0.36	1.14	1.14	10.12	3.78	5.29	13.47	-0.79	0.30	1.17
5000.0	0.43	1.24	1.23	10.12	3.73	6.38	11.01	-0.80	0.53	0.66
5500.0	0.63	1.29	1.29	9.83	4.03	7.54	11.16	-0.73	0.70	0.52
6000.0	0.69	1.37	1.34	9.27	3.53	7.38	12.63	-0.72	0.77	0.75

# Surface Mount Limiter

# RLM-63-2W+

## Typical Performance Data

POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT
@ 30 MHz		@ 600 MHz		@ 2000 MHz		@ 3000 MHz		@ 5000 MHz		@ 6000 MHz	
(dBm)		(dBm)		(dBm)		(dBm)		(dBm)		(dBm)	
-10	-10.05	-10	-10.06	-10	-10.15	-10	-10.24	-10	-10.43	-10	-10.69
12	9.74	12	9.03	12	8.69	12	9.62	12	10.12	12	9.27
20	11.16	20	10.27	20	10.88	20	6.28	20	3.73	20	3.53
25	11.66	25	10.82	25	9.65	25	7.18	25	6.38	25	7.38
32	12.28	32	12.08	32	9.72	32	12.47	32	11.01	32	12.63



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site  
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)



IF/RF MICROWAVE COMPONENTS

REV. X1  
 RLM-63-2W+  
 7/11/2011  
 Page 2 of 2