

Surface Mount Limiter


RLM-521-2WL+

Typical Performance Data

FREQUENCY (MHz)	LOW INPUT POWER		POWER OUTPUT (dBm)					DELTA OUTPUT/1dB DELTA INPUT (dB/dB)				
	INSERTION LOSS (dB)	VSWR	+9 dBm INPUT	+20 dBm INPUT	+25 dBm INPUT	+30 dBm INPUT	+32 dBm INPUT	+9 to +20 dBm INPUT	+20 to +25 dBm INPUT	+25 to +30 dBm INPUT	+30 to +32 dBm INPUT	
0.5	0.08	1.15	1.15	-0.14	2.93	4.33	6.54	7.67	0.28	0.28	0.44	0.57
0.6	0.07	1.12	1.12	-0.11	2.73	4.12	6.05	7.02	0.26	0.28	0.39	0.49
0.7	0.08	1.10	1.11	-0.08	2.61	3.97	5.76	6.67	0.24	0.27	0.36	0.46
0.8	0.07	1.07	1.09	-0.07	2.53	3.88	5.58	6.47	0.24	0.27	0.34	0.45
0.9	0.06	1.02	1.08	-0.06	2.50	3.81	5.46	6.34	0.23	0.26	0.33	0.44
1.0	0.05	1.02	1.07	-0.05	2.45	3.80	5.37	6.22	0.23	0.27	0.31	0.43
3.0	0.05	1.02	1.03	0.35	2.36	3.66	5.07	5.87	0.18	0.26	0.28	0.40
5.0	0.07	1.04	1.02	0.59	2.39	3.70	5.18	5.98	0.16	0.26	0.30	0.40
7.0	0.10	1.07	1.02	0.73	2.46	3.79	5.35	6.18	0.16	0.27	0.31	0.42
10.0	0.10	1.08	1.01	0.81	2.59	4.02	5.79	6.69	0.16	0.29	0.35	0.45
60.0	0.13	1.12	1.04	0.65	2.26	3.54	4.68	5.42	0.19	0.26	0.23	0.37
100.0	0.17	1.17	1.07	0.75	2.70	4.16	6.70	7.83	0.14	0.29	0.51	0.57
250.0	0.20	1.22	1.14	0.59	2.78	4.23	5.64	6.33	0.18	0.29	0.28	0.35
300.0	0.24	1.27	1.22	0.58	2.40	3.66	5.03	5.60	0.15	0.25	0.27	0.29
400.0	0.28	1.33	1.30	0.53	2.75	4.06	5.29	5.70	0.22	0.26	0.25	0.21
500.0	0.33	1.39	1.39	0.53	2.97	4.31	5.25	5.50	0.19	0.27	0.19	0.13
520.0	0.38	1.45	1.44	0.48	2.99	4.25	5.19	5.35	0.22	0.26	0.19	0.08



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IF/RF MICROWAVE COMPONENTS

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RLM-521-2WL+
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Page 1 of 2

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POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT
@ .5 MHz		@ 250 MHz		@ 520 MHz	
(dBm)		(dBm)		(dBm)	
-10	-10.08	-10	-10.21	-10	-10.40
0	-0.08	0	-0.21	0	-0.40
9	-0.14	9	0.59	9	0.48
20	2.93	20	2.78	20	2.99
25	4.33	25	4.23	25	4.25
30	6.54	30	5.64	30	5.19
32	7.67	32	6.33	32	5.35

