

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	+33 dBm INPUT	+12 to +20 dBm INPUT	+20 to +25 dBm INPUT	+25 to +33 dBm INPUT
		INPUT	OUTPUT (:1)							
30	0.06	1.23	1.23	10.14	11.09	11.55	12.32	0.12	0.09	0.10
40	0.05	1.16	1.16	10.04	10.97	11.40	13.55	0.12	0.09	0.27
100	0.04	1.05	1.05	9.75	10.86	11.33	12.23	0.14	0.09	0.11
200	0.06	1.02	1.02	9.44	10.59	11.22	11.97	0.14	0.13	0.09
400	0.10	1.02	1.02	9.11	10.37	11.38	12.06	0.16	0.20	0.09
600	0.13	1.03	1.02	9.00	10.19	11.54	7.71	0.15	0.27	-0.48
800	0.21	1.03	1.03	8.75	10.41	11.48	7.12	0.21	0.21	-0.55
1000	0.18	1.02	1.02	8.61	10.81	10.82	8.53	0.28	0.00	-0.29
1200	0.20	1.01	1.02	8.76	10.93	8.93	8.46	0.27	-0.40	-0.06
1400	0.23	1.00	1.02	8.53	10.27	4.15	8.64	0.22	-1.22	0.56
1600	0.24	1.01	1.03	8.72	8.29	6.22	9.42	-0.05	-0.41	0.40
1800	0.25	1.03	1.04	8.49	5.91	6.74	8.79	-0.32	0.17	0.26
2000	0.27	1.04	1.06	8.91	6.82	5.97	8.50	-0.26	-0.17	0.32
2200	0.29	1.06	1.07	8.86	3.52	6.36	8.15	-0.67	0.57	0.22
2400	0.30	1.07	1.09	8.83	5.65	6.02	8.87	-0.40	0.07	0.36
2600	0.32	1.08	1.10	8.59	3.64	6.07	8.36	-0.62	0.49	0.29
2800	0.33	1.09	1.11	8.19	2.64	5.98	8.62	-0.69	0.67	0.33
3000	0.35	1.10	1.12	7.59	2.42	6.54	7.06	-0.65	0.82	0.06
3200	0.36	1.11	1.13	7.91	3.62	6.08	7.72	-0.54	0.49	0.21
3400	0.37	1.11	1.13	8.08	1.37	6.42	8.30	-0.84	1.01	0.24
3600	0.38	1.11	1.13	7.61	1.42	6.40	8.13	-0.77	1.00	0.22
3800	0.39	1.12	1.13	7.06	1.72	6.45	8.23	-0.67	0.95	0.22
4000	0.40	1.12	1.13	5.75	2.04	6.60	8.39	-0.46	0.91	0.22
5000	0.45	1.07	1.05	-0.40	0.68	3.26	4.93	0.14	0.52	0.21
6000	0.53	1.11	1.08	-3.86	2.75	4.79	6.66	0.83	0.41	0.23



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IF/RF MICROWAVE COMPONENTS

LIMITER

VLM-63-2W-S+

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POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT
@ 30 MHz		@ 3000 MHz		@ 6000 MHz	
(dBm)		(dBm)		(dBm)	
-10	-10.12	-10	-10.35	-10	-10.53
5	4.82	5	4.51	5	4.33
10	8.72	10	8.75	10	8.70
15	10.27	15	6.35	15	9.20
20	11.09	20	2.42	20	2.75
25	11.55	25	6.54	25	4.79
30	12.15	30	5.04	30	6.96
33	12.32	33	7.06	33	6.66