

## Typical Performance Data

FREQUENCY (MHz)	LOW INPUT POWER			POWER OUTPUT (dBm)				DELTA OUTPUT/1dB DELTA INPUT (dB/dB)		
	INSERTION LOSS (dB)	VSWR		+5 dBm INPUT	+10 dBm INPUT	+20 dBm INPUT	+30 dBm INPUT	+5 to +10 dBm INPUT	+10 to +20 dBm INPUT	+20 to +30 dBm INPUT
		Input (:1)	Output (:1)							
100	0.18	1.12	1.12	-0.30	0.94	3.24	5.96	0.25	0.23	0.27
200	0.23	1.15	1.15	-0.41	0.79	2.96	4.14	0.24	0.22	0.12
300	0.28	1.20	1.19	-0.44	0.68	2.60	3.17	0.22	0.19	0.06
400	0.33	1.25	1.24	-0.53	0.66	2.11	2.43	0.24	0.15	0.03
500	0.39	1.29	1.30	-0.52	0.65	1.70	1.88	0.23	0.11	0.02
600	0.44	1.34	1.34	-0.54	0.56	1.39	1.36	0.22	0.08	0.00
700	0.51	1.36	1.38	-0.52	0.48	1.17	0.82	0.20	0.07	-0.04
800	0.57	1.40	1.41	-0.50	0.40	0.97	0.40	0.18	0.06	-0.06
900	0.56	1.42	1.43	-0.38	0.36	0.45	0.03	0.15	0.01	-0.04
1000	0.57	1.41	1.42	-0.55	0.30	0.38	-0.20	0.17	0.01	-0.06
1100	0.57	1.39	1.40	-0.51	0.19	0.21	-0.61	0.14	0.00	-0.08
1200	0.57	1.36	1.37	-0.56	0.12	0.07	-0.89	0.14	-0.01	-0.10
1300	0.58	1.33	1.33	-0.72	-0.09	-0.21	-1.33	0.13	-0.01	-0.11
1400	0.58	1.29	1.28	-0.68	-0.31	-0.53	-1.49	0.07	-0.02	-0.10
1500	0.59	1.25	1.24	-0.99	-0.48	-0.85	-2.49	0.10	-0.04	-0.16
1600	0.59	1.23	1.20	-1.14	-0.74	-1.12	-3.11	0.08	-0.04	-0.20
1700	0.61	1.21	1.18	-1.32	-0.94	-1.33	-3.01	0.08	-0.04	-0.17
1800	0.64	1.22	1.19	-1.52	-1.15	-1.69	-2.56	0.07	-0.05	-0.09
1900	0.68	1.24	1.20	-1.78	-1.36	-2.43	-2.42	0.08	-0.11	0.00
2000	0.72	1.26	1.23	-2.07	-1.74	-2.77	-2.91	0.07	-0.10	-0.01
2100	0.76	1.28	1.24	-2.24	-2.04	-2.93	-4.50	0.04	-0.09	-0.16
2200	0.80	1.28	1.25	-2.41	-2.37	-2.51	-5.58	0.01	-0.01	-0.31
2300	0.84	1.28	1.25	-2.78	-2.74	-3.51	-7.65	0.01	-0.08	-0.41
2400	0.88	1.25	1.23	-3.02	-3.02	-3.29	-5.78	0.00	-0.03	-0.25
2500	0.91	1.21	1.19	-3.29	-3.46	-3.66	-5.29	-0.03	-0.02	-0.16



# Coaxial Limiter

# ZFLM-252-1WL+

## Typical Performance Data

POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT
@ 100 MHz		@ 1500 MHz		@ 2500 MHz	
(dBm)		(dBm)		(dBm)	
-10	-10.23	-10	-10.51	-10	-10.92
-5	-5.44	-5	-5.65	-5	-6.49
0	-1.94	0	-1.95	0	-4.17
5	-0.30	5	-0.56	5	-3.29
10	0.94	10	0.12	10	-3.46
20	3.24	20	0.07	20	-3.66
30	5.96	30	-0.89	30	-5.29



ISO 9001 ISO 14001 AS 9100 CERTIFIED



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. OR  
ZFLM-252-1WL+  
10/2/2012  
Page 2 of 2