

High Power Amplifier

HPA-100W-63+

Typical Performance Data

Frequency (MHz)	Gain (dB)	Directivity (dB)	VSWR In (:1)	VSWR Out (:1)	Noise Figure (dB)	Pout at 1dB Compression (dBm)	Pout at Saturation (dBm)	Output IP3 (dBm)
2500	60.29	55.47	1.42	1.10	12.14	42.77	50.33	53.85
2600	59.70	41.96	1.41	1.10	12.47	43.28	50.25	53.93
2700	59.44	39.96	1.43	1.13	12.58	43.51	50.06	53.92
2800	59.43	46.36	1.46	1.06	12.55	43.52	49.84	53.61
2900	59.64	43.03	1.51	1.05	12.66	43.68	49.70	53.35
3000	60.27	50.04	1.54	1.03	12.28	43.57	49.11	52.77
3100	59.85	46.34	1.61	1.09	12.34	43.94	49.41	52.63
3200	59.65	42.80	1.65	1.12	11.85	43.98	49.44	52.28
3300	59.21	48.57	1.74	1.09	11.69	43.99	49.93	52.04
3400	59.01	58.90	1.76	1.09	11.33	44.37	50.02	51.44
3500	58.56	35.96	1.77	1.10	11.31	44.42	49.78	50.71
3600	58.35	47.25	1.78	1.08	11.26	44.06	49.49	49.99
3700	58.59	42.04	1.76	1.11	10.91	43.62	49.31	50.09
3800	58.80	39.71	1.76	1.12	11.14	42.90	49.11	50.54
3900	59.69	40.13	1.79	1.14	10.99	42.74	49.08	50.71
4000	59.29	45.29	1.79	1.23	11.42	42.47	49.08	51.15
4100	58.78	56.46	1.80	1.28	11.38	42.06	49.08	51.19
4200	58.04	39.40	1.80	1.27	11.71	41.98	49.25	51.49
4300	58.00	57.82	1.78	1.34	11.66	42.21	49.46	51.72
4400	57.77	53.99	1.76	1.35	11.80	42.09	49.87	51.96
4500	57.86	39.30	1.62	1.29	12.05	42.54	50.12	52.34
4600	58.18	48.59	1.54	1.42	11.82	42.84	50.51	52.43
4700	58.47	38.64	1.45	1.41	11.92	43.31	50.66	52.84
4800	58.62	36.50	1.36	1.28	11.74	43.59	50.66	53.21
4900	57.68	37.22	1.26	1.09	11.92	43.30	50.47	52.74
5000	57.98	61.59	1.19	1.05	11.80	43.02	50.07	51.98
5100	57.88	41.96	1.14	1.08	11.74	43.13	49.65	51.40
5200	57.57	42.67	1.09	1.12	11.71	43.13	49.22	50.50
5300	57.69	44.94	1.11	1.18	11.62	42.82	48.98	49.82
5400	58.22	40.83	1.10	1.11	11.71	43.06	49.14	50.12
5500	59.73	47.50	1.11	1.14	11.80	42.98	48.99	50.52
5600	60.04	42.54	1.15	1.13	11.83	43.10	49.07	50.85
5700	60.37	36.14	1.17	1.06	12.04	43.41	49.16	51.30
5800	59.24	45.23	1.27	1.12	12.23	43.33	49.32	51.24
5900	58.92	34.76	1.29	1.19	12.33	43.10	49.19	50.96
6000	57.62	47.82	1.45	1.42	12.26	43.66	49.10	51.18



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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