

Power Amplifiers – Narrowband, Up to 100 Watts (continued)

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Model Number	Frequency Response (GHz)	Gain (dB)	Gain Flatness (±dB)	Noise Figure (dB)	P1dB (+dBm)	VSWR In/Out	Volts (DC)	DC Current (mA)	Case
	Min	Min	Max	Max	Min	Max	Typ	Typ	
CPN/064-4042	5.85-6.45	42	1.00	7.0	40	1.5:1	15	8000	SP
CPN/064-4340	5.85-6.45	40	1.00	7.0	43	1.5:1	15	12400	SP
CPN/064-4646	5.85-6.45	46	1.25	7.0	46	1.5:1	15	24000	SP
CPN/064-5050	5.85-6.45	50	1.25	7.0	50	1.5:1	15	45000	SP
APN/072-3740	6.4-7.2	40	1.00	5.5	37	1.5:1	15	5300	HPC10
APN/072-4040	6.4-7.2	40	1.00	5.5	40	1.5:1	15	8000	HDC12
APN/077-3035	7.1-7.7	35	0.50	6.0	30	1.5:1	15	1050	HPC8
APN/077-3334	7.1-7.7	34	0.75	6.0	33	1.5:1	15	2000	HPC8
APN/077-3740	7.1-7.7	40	1.00	5.5	37	1.5:1	15	5300	HPC10
APN/077-4040	7.1-7.7	40	1.00	5.5	40	1.5:1	15	8000	HDC12
APW/085-2734	5.9-8.5	34	1.00	5.0	27	2:1	15	750	HC6
APW/085-3033	5.9-8.5	33	1.00	5.0	30	2:1	15	1250	HC8
APW/085-3045	5.9-8.5	45	1.00	5.0	30	2:1	15	1330	HC8
APW/085-3334	5.9-8.5	34	1.00	6.0	33	2:1	15	2000	HPC8
APW/085-3342	5.9-8.5	42	1.00	5.0	33	2:1	15	2050	HPC8
APW/085-3737	6.4-8.5	37	1.50	5.0	37	2:1	15	5300	HDC12
APW/085-3748	6.4-8.5	48	2.00	5.0	37	2:1	15	5400	HDC12
APW/085-4042	6.4-8.5	42	2.00	5.0	40	2:1	15	10.1A	HDC12
APN/085-3737	7.7-8.5	37	1.00	5.5	37	1.5:1	15	5300	HPC10
APN/085-4040	7.7-8.5	40	1.00	5.5	40	1.5:1	15	8000	HDC12
APN/085-4340	7.7-8.5	40	1.00	7.0	43	1.5:1	15	15A	SP
APN/096-3430	8.5-9.6	30	1.00	7.5	34	1.5:1	15	2800	HPX8
APN/096-3733	8.5-9.6	33	1.00	7.5	37	1.5:1	15	4350	SP
ASN/096-4040	8.5-9.6	40	1.25	8.0	40*	1.5:1	15	7000	SP
ASN/096-4242	8.5-9.6	42	1.25	8.0	42*	1.5:1	15	8500	SP
ASN/096-4444	8.5-9.6	44	1.25	8.0	44*	1.5:1	15	18A	SP
ASN/096-4646	8.5-9.6	46	1.25	8.0	46*	1.5:1	15	32A	SP
ASN/096-4848	9.0-9.6	48	1.25	8.0	48*	1.5:1	15	35A	SP
APN/100-2733	9.0-10.0	33	1.50	6.0	27	2:1	12	900	HPX8
APN/100-3034	9.0-10.0	34	1.75	6.0	30	2:1	12	1600	HPX8
APN/100-3438	9.0-10.0	38	2.00	8.0	34	2:1	12	2.5A	HPX10
APN/100-3740	9.0-10.0	40	2.50	8.0	37	2:1	12	5.0A	HDX8
APN/100-3940	9.0-10.0	40	2.50	8.0	39	2:1	12	7.0A	SP
ASN/100-4032	9.0-10.0	32	2.50	8.0	40*	2:1	12	7.0A	SP
ASN/100-4040	9.0-10.0	40	2.50	8.0	40*	2:1	12	7.0A	SP
ASN/100-4848	9.0-10.0	48	2.50	8.0	48*	2:1	12	36A	SP
APW/105-2730	8.5-10.5	30	2.00	5.5	27	2:1	15	770	HX6
APW/105-3032	8.5-10.5	32	2.00	5.0	30	2:1	15	1400	HPX8
APW/105-3042	8.5-10.5	42	2.00	5.0	30	2:1	15	1450	HPX8
APW/105-3335	8.5-10.5	35	2.00	5.5	33	2:1	15	2600	HPX10
APN/105-3430	9.5-10.5	30	1.00	7.5	34	1.5:1	15	2800	HPX10
APN/105-3733	9.5-10.5	33	1.00	7.5	37	1.5:1	15	4550	SP
ASN/105-4040	9.5-10.5	40	1.25	8.0	40*	1.5:1	15	7000	SP
ASN/105-4242	9.5-10.5	42	1.25	8.0	42*	1.5:1	15	8500	SP
ASN/105-4444	9.5-10.5	44	1.25	8.0	44*	1.5:1	15	18A	SP
ASN/105-4646	9.5-10.5	46	1.25	8.0	46*	1.5:1	15	32A	SP
APN/117-3733	10.7-11.7	33	1.00	7.0	37	1.5:1	15	4550	SP
APN/117-3940	10.7-11.7	40	1.00	7.0	39	1.5:1	15	7500	SP
APW/132-2727	10.5-13.2	27	2.00	5.5	27	2:1	12	770	HPX6
APW/132-3030	10.5-13.2	30	2.00	5.5	30	2:1	15	1400	HPX8
APW/132-3040	10.5-13.2	40	2.00	5.0	30	2:1	15	1450	HPX8
APW/132-3333	10.5-13.2	33	2.00	5.5	33	2:1	15	3000	HDX8
APN/132-3733	12.7-13.2	33	1.00	7.5	37	1.5:1	15	4750	SP
ASN/132-4040	12.7-13.2	40	1.25	8.0	40*	1.5:1	15	9000	SP

New Products

* = Saturated power.