

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	
ASN/140-3434	13.5-14.0	34	1.00	7.5	34*	1.5:1	15	3000	SP
ASN/140-3733	13.5-14.0	33	1.00	7.5	37*	1.5:1	15	5200	SP
APN/145-3636	14.0-14.5	36	1.00	7.5	36	1.5:1	15	5000	SP
APN/145-3940	14.0-14.5	40	1.00	7.5	39	1.5:1	15	8000	SP
APN/145-4040	14.0-14.5	40	1.00	8.0	40	1.5:1	15	12000	SP
APN/145-4242	14.0-14.5	42	1.00	8.0	42	1.5:1	15	15000	SP
APN/149-3740	14.4-14.9	40	1.25	8.0	37	2:1	12	5A	SP
APN/149-4040	14.4-14.9	40	1.25	8.0	40	2:1	12	10A	SP
APN/149-4343	14.4-14.9	43	1.50	8.0	43	2:1	12	19A	SP
APW/154-2730	13.0-15.4	30	2.00	5.5	27	2:1	12	850	HPX6
APW/154-3032	13.0-15.4	32	2.00	5.5	30	2:1	12	1550	HDX8
APW/154-3038	13.0-15.4	38	2.00	5.5	30	2:1	12	1600	HDX8
APW/154-3333	13.0-15.4	33	2.00	5.5	33	2:1	12	2550	HDX8
APW/154-3340	13.0-15.4	40	2.00	5.5	33	2:1	12	2600	HDX10
APN/154-3740	14.4-15.4	40	1.25	8.0	37	2:1	12	5A	SP
APN/154-4040	14.4-15.4	40	1.25	8.0	40	2:1	12	10A	SP
APN/154-4343	14.4-15.4	43	1.50	8.0	43	2:1	12	19A	SP
APN/162-2724	15.7-16.2	24	0.50	6.0	27	1.5:1	15	800	HPX8
APN/165-3030	15.7-16.2	30	0.75	7.0	30	1.5:1	15	1250	HPX10
APN/165-3333	15.7-16.2	33	0.75	7.0	33	1.5:1	15	3400	HDX10
APN/165-3540	15.7-16.2	40	1.00	7.0	35	1.5:1	15	4500	HQX12
APN/165-2724	16.0-16.5	24	0.50	6.0	27	1.5:1	15	800	HPX8
APN/165-3030	16.0-16.5	30	0.75	7.0	30	1.5:1	15	1250	HPX10
APN/165-3334	16.0-16.5	33	0.75	7.0	33	1.5:1	15	3400	HDX10
APN/165-3540	16.0-16.5	40	1.00	7.0	35	1.5:1	15	4500	HQX12
APN/177-2730	15.7-17.7	30	0.50	7.0	27	1.8:1	15	1000	HPX8
APN/177-3034	15.7-17.7	34	0.75	7.0	30	1.8:1	15	1350	HPX10
APN/177-3333	15.7-17.7	34	0.75	7.0	33	1.8:1	15	3400	HDX10
APN/186-3030	18.0-18.6	30	1.00	7.0	30	2:1	12	1500	HDX10
APN/186-3232	18.0-18.6	32	1.00	7.0	32	2:1	12	2550	HDX10
APN/186-3246	18.0-18.6	46	1.00	7.0	32	2:1	12	3400	SP
APN/195-3030	18.5-19.5	30	1.00	7.0	30	2:1	12	1700	SP
APN/195-3232	18.5-19.5	32	1.00	7.0	32	2:1	12	2550	HDX10
APN/195-3246	18.5-19.5	46	1.00	7.0	32	2:1	12	3400	SP
APN/197-2324	17.7-19.7	24	0.5	7.0	23	1.5:1	12	600	HX4
APN/197-2735	17.7-19.7	35	0.5	7.0	27	1.5:1	12	1050	HPX6
APW/240-2328	20.0-24.0	28	2.50	7.0	23	2:1	12	600	GK6
APW/240-2524	20.0-24.0	24	2.50	7.5	25	2:1	12	850	HDK8
APW/240-2530	20.0-24.0	30	2.50	7.0	25	2:1	12	920	HDK8
APW/240-2536	20.0-24.0	36	2.50	7.5	25	2:1	12	980	HDK8
APW/240-2735	20.0-24.0	35	2.50	7.0	27	2:1	12	1300	HDK8
APW/240-2741	20.0-24.0	41	2.50	7.0	27	2:1	12	1360	HDK8
APN/259-2427	23.3-25.9	27	1.00	6.0	24	1.8:1	12	600	GPK6
APN/259-2740	23.3-25.9	40	1.00	6.0	27	1.8:1	12	1200	GPK8
APN/259-3040	23.3-25.9	40	1.00	6.0	30	1.8:1	12	2000	GPK8
APN/259-3340	23.3-25.9	40	1.00	6.0	33	1.8:1	12	3000	GPK8
APN/265-2427	24.5-26.5	27	1.00	6.0	24	1.8:1	12	600	GPK6
APN/265-2740	24.5-26.5	40	1.00	6.0	27	1.8:1	12	1200	GPK8
APN/265-3040	24.5-26.5	40	1.00	6.0	30	1.8:1	12	2000	GPK8
APN/265-3340	24.5-26.5	40	1.00	6.0	33	1.8:1	12	3000	GPK8
APN/294-2327	27.5-29.4	27	1.00	6.0	23	1.8:1	12	690	GPK6
APN/294-2737	27.5-29.4	37	1.00	6.0	27	1.8:1	12	1200	GPK8
APN/294-3037	27.5-29.4	37	1.00	6.0	30	1.8:1	12	2000	GPK8
APN/294-3337	27.5-29.4	37	1.00	6.0	33	1.8:1	12	3000	GPK8

New Products

* = Saturated power.