

Power Amplifiers – Narrowband Up to 100 Watts

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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	
APW/021-3545	1.8-2.1	45	2.00	5.0	35	2:1	15	2500	HPS8
APW/021-3735	1.8-2.1	35	1.50	5.0	37	2:1	15	3600	HPS10
APW/021-3745	1.8-2.1	45	2.00	5.0	37	2:1	15	3700	HPS10
APW/027-3730	2.1-2.7	30	1.50	8.0	37	2:1	15	4150	HPS10
APW/027-3737	2.1-2.7	37	1.50	5.5	37	2:1	15	4200	HPS10
APW/027-4032	2.1-2.7	32	1.75	8.0	40	2:1	15	8600	HDS14
APW/027-4047	2.1-2.7	47	2.00	4.0	40	2:1	15	8700	HDS14
APN/027-4045	2.5-2.7	45	0.75	4.5	40	1.5:1	15	5400	SP
APN/027-4243	2.5-2.7	43	0.75	4.5	42	1.5:1	15	10.0A	SP
APN/027-4654	2.5-2.7	54	1.00	4.5	46	1.5:1	15	21.5A	SP
APW/032-3345	2.7-3.2	45	1.50	4.0	33	2:1	15	1450	HPS6
APW/032-3840	2.7-3.2	40	0.75	4.5	38	1.5:1	15	4500	HPS10
APW/032-4140	2.7-3.2	40	0.75	4.5	41	1.5:1	15	7300	HDS14
APW/035-2738	2.1-3.5	38	1.00	4.0	27	2:1	15	520	HS4
APW/035-3033	2.1-3.5	33	1.00	4.0	30	2:1	15	870	HS6
APW/035-3045	2.1-3.5	45	1.00	4.0	30	2:1	15	950	HS6
APW/035-3330	2.1-3.5	30	1.00	5.5	33	2:1	15	1350	HPS6
APN/035-3540	3.1-3.5	40	0.75	4.0	35	1.5:1	15	2500	HPS10
APN/035-3840	3.1-3.5	40	0.75	4.5	38	1.5:1	15	4500	HPS10
APN/035-4140	3.1-3.5	40	0.75	4.5	41	1.5:1	15	7300	HDS14
ASN/035-4343	3.1-3.5	43	0.75	4.5	43	1.5:1	15	12000	SP
ASN/035-4646	3.1-3.5	46	0.75	4.5	46	1.5:1	15	22500	SP
ASN/035-4040	3.1-3.5	40	0.75	4.5	40*	1.5:1	15	4500	HPS10
ASN/035-4240	3.1-3.5	40	0.75	4.5	42*	1.5:1	15	7400	HDS14
APN/042-3840	3.4-4.2	40	0.75	4.5	38	1.5:1	15	4500	HPS10
APN/042-4140	3.4-4.2	40	0.75	4.5	41	1.5:1	15	7300	HDS14
ASN/042-4040	3.4-4.2	40	0.75	4.5	40*	1.5:1	15	4500	HPS10
APN/050-3840	4.4-5.0	40	0.75	5.0	38	1.5:1	15	5300	HPC10
APN/050-4144	4.4-5.0	44	0.75	5.0	41	1.5:1	15	8500	HDC12
ASN/050-4040	4.4-5.0	40	0.75	5.0	40*	1.5:1	15	5500	HPC10
ASN/050-4245	4.4-5.0	45	0.75	5.0	42*	1.5:1	15	8500	HDC12
ASN/050-4652	4.4-5.0	52	0.75	5.0	46*	1.5:1	15	25000	SP
ASN/050-5050	4.4-5.0	50	0.75	5.0	50*	1.5:1	15	45000	SP
APN/055-3840	5.0-5.5	40	0.75	5.0	38	1.5:1	15	5300	HDC12
ASN/055-4040	5.0-5.5	40	0.75	5.0	40*	1.5:1	15	5500	HDC12
APW/058-3533	4.4-5.8	33	0.75	5.0	35	2:1	15	2600	HPC10
APW/058-3840	4.4-5.8	40	0.75	5.0	38	2:1	15	5300	HDC12
APW/058-4146	4.4-5.8	46	0.75	5.0	41	2:1	15	9600	HDC12
ASW/058-4040	4.4-5.8	40	0.75	5.0	40*	2:1	15	5500	HDC12
ASW/058-4346	4.4-5.8	46	0.75	5.0	43*	2:1	15	9800	HDC12
APN/058-4340	5.25-5.8	40	1.25	7.0	43	2.0:1	15	12400	SP
APN/058-4646	5.25-5.8	47	1.50	7.0	47	2.0:1	15	24000	SP
APW/059-2730	3.4-5.9	30	1.00	4.5	27	2:1	15	500	HS4
APW/059-3032	3.4-5.9	32	1.00	4.5	30	2:1	15	1000	HS6
APW/059-3040	3.4-5.9	40	1.00	4.5	30	2:1	15	1050	HS6
APW/059-3335	3.4-5.9	35	1.00	4.5	33	2:1	15	1900	HPS6
APW/059-3342	3.4-5.9	42	1.00	4.5	33	2:1	15	2000	HPS6
APN/059-3840	5.3-5.9	40	0.75	5.0	38	1.5:1	15	5300	HPC10
APN/059-4042	5.3-5.9	42	1.00	7.0	40	1.5:1	15	8000	HDC12
APN/059-4340	5.3-5.9	40	1.00	7.0	43	1.5:1	15	12400	SP
APN/059-4638	5.3-5.9	38	1.25	7.0	46	1.5:1	15	25750	SP
ASN/059-3733	5.3-5.9	33	0.75	5.0	37*	1.5:1	15	2800	HPC10
ASN/059-4040	5.3-5.9	40	0.75	5.0	40*	1.5:1	15	5500	HDC12

New Products

* = Saturated power.