

LOW NOISE AMPLIFIERS

Model Number	F Low (MHz)	F High (MHz)	Gain (dB min.)	Gain	Noise	Input	Output	P1dB (dBm min.)	OIP3 (dBm min.)	Bias Volt. (V nom.)	Bias Current (mA nom.)
				Flatness (dB max.)	Figure (dB max.)	VSWR max.	VSWR max.				
PS7257	30	515	22	1.6	4.0	1.8:1	1.5:1	23	33	15	220
PS3144	400	515	16	1.0	1.3	1.8:1	1.8:1	20	33	10	150
LA5238	650	1450	25	1.0	7.0	1.5:1	1.25:1	11	20	5	90
PA1152	800	850	15	0.7	1.2	1.7:1	1.7:1	22	35	15	165
PS2142	800	960	18	1.0	1.0	1.4:1	1.4:1	16	28	10	120
PS2242	800	960	25	1.0	1.1	1.4:1	1.4:1	20	34	10	230
PS0142	806	824	11.75	0.5	1.4	1.4:1	1.3:1	27	44	15	450
PS0152	806	824	19	0.5	1.2	1.3:1	1.3:1	19	31	15	220
PS0252	806	824	25	1.0	1.1	1.4:1	1.4:1	25	37	15	260
PS0265	806	824	21.5	1.0	3.0	1.3:1	1.3:1	25	37	15	400
PS1031	806	850	9	0.6	0.8	1.5:1	1.5:1	12	22	15	40
PT1031	806	850	8	0.5	0.8	1.9:1	1.9:1	12	22	24	40
PS2031	806	901	8.8	0.5	0.8	1.9:1	1.9:1	12	22	24	40
PS0131	824	849	11	1.4	0.8	1.3:1	1.3:1	8	25	12	135
PS0242	824	849	30	2.0	0.9	1.4:1	1.4:1	20	38	15	150
PS0352	824	849	33.5	1.5	1.5	1.3:1	1.5:1	27.5	40.5	12	1000
PS1141	824	849	12	1.0	0.8	1.5:1	1.5:1	4	14	12	130
PS2132	860	925	15	1.0	1.0	1.25:1	1.25:1	12	25	12	300
PS0243	901	902	22.5	0.25	1.5	1.3:1	1.35:1	18	28.5	12	250
LS2132	1100	1300	14	2.0	1.2	1.5:1	1.5:1	15	25	12	200
LS0131	1850	1910	12.5	1.0	0.65	1.3:1	1.3:1	12	25	12	135
LS0131-1	1850	1910	12.5	0.5	1.0	1.3:1	1.3:1	11	21	12	160
LS0132	1850	1910	14	1.0	1.1	1.5:1	1.5:1	17	29	15	125
LS0142	1850	1910	12	0.4	1.1	1.4:1	1.4:1	16	28	15	170
LS0342	1850	1910	34	1.0	1.5	1.3:1	1.5:1	29	41	15	150
LS0442	1850	1910	33.5	1.5	1.5	1.3:1	1.5:1	28	40.5	15	1000
PS1131	1850	1910	12.5	1.0	0.65	1.3:1	1.3:1	8	23.5	12	140
SS1132	2050	2250	14	2.0	1.2	1.5:1	1.5:1	3	13	12	180
SS0321	2200	2300	40	2.0	0.6	1.5:1	1.5:1	14	24	15	150
SS1131	2375	2510	12.5	1.0	0.9	1.4:1	1.4:1	17	28.5	12	100
SS0432	2440	2460	45	0.4	1.5	2.0:1	2.0:1	12	22	15	250
SS1322	2700	2900	35	2.0	1.5	1.4:1	1.4:1	10	24	15	150
SS2433	2900	3900	27	2.0	1.8	1.4:1	2.0:1	8	18	15	40
SS2222	3100	3500	27	1.2	1.1	1.25:1	1.25:1	10	20	15	200
CS0432	4890	4910	45	0.4	1.5	2.0:1	2.0:1	12	22	15	200
CS1322	5400	5900	35	2.0	1.0	2.0:1	2.0:1	15	25	12	200
CS1444	7000	7500	40	2.0	2.5	1.5:1	1.5:1	20	30	8	240
XA1215	9400	10000	24	2.0	2.8	1.5:1	1.5:1	10	20	15	100

CAP Wireless designs and manufactures microwave and RF amplifiers optimized for each customer's application. If your amplifier requirements differ from those shown above, call or e-mail.

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