

# Amplifier



## Selection Guide

	Model No.	Freq. (MHz) $f_i$ $f_o$	Gain (dB) Min.	Max <sup>(1)</sup> Power (dBm)	N.F. (dB) Typ.	3rd Order I.P. (dBm)	VSWR <sup>(2)</sup>		DC Power		Case Style	
							in	out	Volt	I (mA)		
PIN	ERA-1	DC-8000	9.0	+12.0	4.3	+26.0	1.5:1	1.5:1	+3.4	40	VV105	
	ERA-2	DC-6000	13.0	+13.0	4.0	+26.0	1.3:1	1.2:1	+3.4	40	VV105	
	ERA-3	DC-3000	16.0	+12.5	3.5	+25.0	1.5:1	1.4:1	+3.2	35	VV105	
	ERA-4	DC-4000	11.0	+17.3	4.2	+34.0	1.2:1	1.3:1	+4.5	65	VV105	
	ERA-5	DC-4000	16.0	+18.4	4.3	+32.5	1.3:1	1.3:1	+4.9	65	VV105	
	ERA-6	DC-4000	10.5	+17.9	4.5	+36.0	1.3:1	1.6:1	+5.0	70	VV105	
	ERA-1SM	DC-8000	9.0	+12.0	4.3	+26.0	1.5:1	1.5:1	+3.4	40	WW107	
	ERA-2SM	DC-6000	13.0	+13.0	4.0	+26.0	1.3:1	1.2:1	+3.4	40	WW107	
	ERA-21SM	DC-8000	11.2	+12.6	4.7	+26.0	1.1:1	1.3:1	+3.5	40	WW107	
	ERA-3SM	DC-3000	16.0	+12.5	3.5	+25.0	1.5:1	1.4:1	+3.2	35	WW107	
	ERA-33SM	DC-3000	15.0	+13.5	3.9	+28.5	1.6:1	1.25:1	+4.3	40	WW107	
	ERA-4SM	DC-4000	11.0	+17.3	4.2	+34.0	1.2:1	1.3:1	+4.5	65	WW107	
	ERA-4XSM	DC-4000	12.0	+15.0	4.2	+35.0	1.2:1	1.2:1	+4.5	65	WW107	
	ERA-5SM	DC-4000	16.0	+18.4	4.3	+32.5	1.3:1	1.2:1	+4.9	65	WW107	
	ERA-5XSM	DC-4000	16.0	+16.5	3.5	+33.0	1.2:1	1.2:1	+4.9	65	WW107	
	ERA-5OSM	DC-1500	16.0	+17.2	3.5	+32.5	1.3:1	1.2:1	+4.4	60	WW107	
	ERA-51SM	DC-4000	14.0	+18.1	4.1	+33.0	1.1:1	1.2:1	+4.5	65	WW107	
	ERA-6SM	DC-4000	10.5	+17.9	4.5	+36.0	1.3:1	1.6:1	+5.0	70	WW107	
	ERA-8SM	DC-2000	17.0	+12.5	3.1	+25.0	1.4:1	1.8:1	+3.7	36	WW107	
	MONOLITHIC • SURFACE MOUNT	Gali-1	DC-8000	9.0	+10.5	4.5	+27.0	1.3:1	1.4:1	+3.4	40	DF782
		Gali-19	DC-7000	9.6	+9.0	6.5	+23.7	1.6:1	1.5:1	+3.6	40	DF782
		Gali-2	DC-8000	12.0	+11.0	4.6	+27.0	1.6:1	1.6:1	+3.5	40	DF782
		Gali-21	DC-8000	11.5	+10.5	4.0	+27.0	1.1:1	1.3:1	+3.5	40	DF782
		Gali-29	DC-7000	12.7	+10.0	6.0	+24.7	1.5:1	1.5:1	+3.6	40	DF782
		Gali-3	DC-3000	17.5	+10.5	3.5	+25.0	1.5:1	1.2:1	+3.3	35	DF782
		Gali-33	DC-4000	16.0	+11.4	3.9	+28.0	1.6:1	1.2:1	+4.3	40	DF782
		Gali-39	DC-7000	17.7	+9.0	4.9	+22.9	1.6:1	1.5:1	+3.5	35	DF782
		Gali-4	DC-4000	11.0	+16.0	4.0	+34.0	1.2:1	1.4:1	+4.6	65	DF782
Gali-4F		DC-4000	11.0	+13.8	4.0	+32.0	1.2:1	1.5:1	+4.4	50	DF782	
Gali-49		DC-5000	11.5	+15.0	5.5	+33.3	1.7:1	1.5:1	+5.0	65	DF782	
Gali-5		DC-4000	16.0	+16.0	3.5	+35.0	1.2:1	1.4:1	+4.4	65	DF782	
Gali-5F		DC-4000	15.5	+14.2	3.5	+31.5	1.2:1	1.4:1	+4.3	50	DF782	
Gali-51		DC-4000	14.0	+16.5	3.5	+35.0	1.3:1	1.5:1	+4.5	65	DF782	
Gali-51F		DC-4000	14.0	+14.4	3.5	+32.0	1.2:1	1.5:1	+4.4	50	DF782	
Gali-52		DC-2000	16.0	+13.5	2.7	+32.0	1.35:1	1.4:1	+4.4	50	DF782	
Gali-55		DC-4000	17.0	+13.5	3.3	+28.5	1.25:1	1.3:1	+4.3	50	DF782	
Gali-59		DC-5000	16.3	+16.5	4.3	+33.3	1.6:1	1.5:1	+4.8	65	DF782	
Gali-6		DC-4000	10.0	+16.5	4.5	+35.5	1.5:1	1.8:1	+5.0	70	DF782	
Gali-6F		DC-4000	10.0	+14.3	4.5	+35.5	1.5:1	1.9:1	+4.8	50	DF782	
Gali-S66		DC-3000	15.0	+1.0	2.7	+18.0	1.25:1	1.7:1	+3.5	16	DF782	
Gali-74		DC-1000	20.0	+17.3	2.7	+38.0	1.2:1	1.6:1	+4.8	80	DF782	
Gali-24+		DC-6000	19.0	+19.7	4.2	+35.0	17	10	+5.8	80	DF782	
Gali-84+		DC-6000	18.0	+21.4	4.4	+33.8	14	12	+5.8	100	DF782	
GVA-84+		DC-6000	19.0	+19.7	5.5	+33.0	18	10	+5.0	100	DF782	
HELA-10		50-1000	10.5	+30.0	3.5	+47.0	1.22:1	1.22:1	+12.0	525	CM624	
LEE-19		DC-8000	9.6	+10.2	6.5	+24.5	1.5:1	1.4:1	+3.6	40	FG873	
LEE-29		DC-8000	13.3	+10.9	5.5	+25.5	1.4:1	1.3:1	+3.6	40	FG873	
LEE-39		DC-8000	18.5	+10.4	4.5	+23.4	1.3:1	1.3:1	+3.5	35	FG873	
LEE-49		DC-5000	12.0	+16.4	5.5	+33.0	1.6:1	1.4:1	+4.9	65	FG873	
LEE-59		DC-5000	17.8	+17.3	4.5	+33.0	1.5:1	1.5:1	+4.8	65	FG873	
MAR-1SM		DC-1000	13.0	+1.5	5.5	+14.0	1.3:1	1.3:1	+5.0	17	WW107	
MAR-2SM		DC-2000	8.5	+4.5	6.5	+17.0	1.3:1	1.4:1	+5.0	25	WW107	
MAR-3SM▼		DC-2000	8.0	+10.0	6.0	+23.0	1.5:1	1.7:1	+5.0	35	WW107	
MAR-4SM		DC-1000	7.0	+12.5	6.5	+25.5	1.6:1	2.0:1	+5.3	50	WW107	
MAR-6SM▼		DC-2000	9.0	+2.0	3.0	+14.5	1.5:1	1.4:1	+3.5	16	WW107	
MAR-7SM▼		DC-2000	8.5	+5.5	5.0	+19.0	1.4:1	1.5:1	+4.0	22	WW107	
MAR-8SM		DC-1000	19.0	+12.5	3.3	+27.0	3.1:1	3.1:1	+7.8	36	WW107	
MAV-11SM	50-1000	9.0	+17.5	3.6	+30.0	1.5:1	1.7:1	+5.5	60	RRR137		
MAV-11A	50-2000	9.0	+18.5	4.8	+35.0	1.4:1	1.1:1	+5.5	60	DH820		
MERA-533	DC-4000	16	+16.5	3.5	+35	1.4:1	1.5:1	+4.9	65	DL805		
MERA-556	DC-2200	16.0	+16.5	3.5	+35	1.2:1	1.4:1	+4.9	65	DL1020		
MERA-7433	DC-1000	20.0	+18.0	2.7	+36	1.25:1	1.8:1	+4.8	80	DL805		
MERA-7456	DC-1000	20.0	+18.0	2.7	+36	1.3:1	2.0:1 +	4.8	80	DL1020		
MNA-2	500-2500	10.3	+17.7	5.4	+28.0	1.5:1	1.6:1	+5.0	76	DG849		
MNA-3	500-2500	13.0	+11.4	4.9	+21.3	1.9:1	1.5:1	+5.0	30	DG849		
MNA-4	500-2500	14.0	+19.0	4.8	+29.0	1.5:1	1.7:1	+5.0	75	DG849		
MNA-5	500-2500	17.0	+12.2	3.5	+21.0	1.6:1	1.9:1	+5.0	28	DG849		
MNA-6	500-2500	21.5	+18.0	2.9	+28.0	1.5:1	1.6:1	+5.0	81	DG849		
MNA-7	1500-5900	15.0	+15.9	6.9	+28.6	2.0:1	1.5:1	+5.0	73	DG849		
VNA-21	500-2500	12.6	+8.5	6.4	+20.0	1.4:1	1.3:1	+5.0	31	XX211		
VNA-22	500-2500	11.8	+17.0	6.7	+29.0	1.6:1	1.4:1	+5.0	80	XX211		
VNA-23	500-2500	15.4	+10.0	4.7	+21.0	1.5:1	1.3:1	+5.0	32	XX211		
VNA-25	500-2500	16.0	+18.2	5.5	+29.0	1.5:1 *	1.6:1	+5.0	85	XX211		
VNA-28	500-2500	19.7	+11.0	3.7	+22.0	1.6:1	1.5:1	+5.0	33	XX211		

