



REFLEX KLYSTRONS



TYPE	MAXIMUM FREQUENCY RANGE megacycles	FREQUENCY megacycles	POWER OUTPUT milliwatts		TYPICAL OPERATION			ELECTRONIC TUNING E.Ref./p.o. $\frac{1}{2}$ megacycles	MAX. TEMP. COEF. Mc/°C	FILAMENT CURRENT at 6.3V amperes	TYPE OF CAVITY	TYPE OF TUNING	TYPE OF OUTPUT COUPLING	TYPE
			Avg.	Min.	REFLECTOR POTENTIAL D.C.Volts	RESO-NATOR POTENTIAL D.C.Volts	FOCUS OR CONTROL GRID POTENTIAL D.C.Volts							
2K22	4240-4910	4775	115	75	-120 to -180	300		30 min.	-0.1 to +0.5	0.440	Self Cont.	Mech.Cap	Coax.Cable	2K22
2K25	8500-9660	9370	32	20	-128 to -123	300		55 avg.	0 to -0.2	0.440	Self Cont.	Mech.Cap	Waveguide RG 52/U	2K25
2K26	6250-7060	6660	100	80	-70 to -115	300		32 min.	0 to -0.2	0.440	Self Cont.	Mech.Cap	Waveguide RG. 50/U	2K26
2K28A	1500-3750	3458-3592	140	95	-182 to -277	300	300	20 min.	±0.15	0.650	External	Mech.Ind.	Coax.Cable	2K28A
2K29	3400-3960	3560	106	85	-75 to -180	300		28 min.	-0.1 to +0.5	0.440	Self Cont.	Mech.Cap	Coax.Cable	2K29
2K33	22,000-25,000	22,000-25,000	40	10	-80 to -220	1800	-20 to -100	40 avg.	0 to -1.0	0.580	Self Cont.	Mech.Cap	Waveguide RK-53/U	2K33
2K45	8500-9660	9660	32	20	-95 to -145	300	-25 to +15	70 avg.		0.762	Self Cont.	Therm.Cap	Waveguide RG-52/U	2K45
2K48	4000-11,000	6900-10,850		20	-175 to -300	1250				0.575	External	Mech.Ind.	Coax.Cable	2K48
2K56	3840-4460	4150	100	80	-85 to -150	300		30 min.	-0.1 to +0.5	0.440	Self Cont.	Mech.Cap	Coax.Cable	2K56
6BL6	1600-5500	2110-4355	50	25	-30 to -330	300	0			0.675	External	Mech.Ind.	Coax.Cable	6BL6
QK246	15,000-16,200	15,800-16,200	51	20	-152 to -173	1500	-20 to -120	25 min.		0.580	Self Cont.	Mech.Cap	Waveguide RG-91/U	QK246
QK288	34,300-35,300	34,300-35,300	20	10	-110 to -210	2250	-50 to -180	50 min.	-1.5 to -3.5	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	QK288
QK289		27,270-30,000	20	10	-50 to -200	2250	-20 to -250	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	QK289
QK290		29,700-33,520	20	10	-50 to -200	2250	-20 to -250	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	QK290
QK291		33,520-36,250	18	5	-50 to -200	2250	-20 to -250	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	QK291
QK292		35,100-39,700	10	5	-50 to -200	2250	-20 to -200	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	QK292
QK293	34,900-42,800	37,100-42,600	5		-50 to -200	2500	-20 to -200	(specified)	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-97/U	QK293
QK294	40,000-51,800	41,700-50,000	5		-50 to -200	3000	-20 to -200	(specified)	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-97/U	QK294
QK295	Two tubes necessary to cover 50,000-60,000 mc.		To be specified		-50 to -200	3500	-20 to -200	(specified)	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-98/U	QK295
QK306	18,000-22,000	18,000-22,000	40	10	-80 to -220	1800	-20 to -200	40 avg.	0 to -1.0	0.580	Self Cont.	Mech.Cap	Waveguide RG-53/U	QK306
QK336	15,000-17,000	15,000-17,000	20	15	-60 to -200	300		40 min.		0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	QK336
QK381	4100-4450	4300	4.5	3.0	-67 to -87	250		30 min.	-0.1 to +0.05	0.440	Self Cont.	Mech.Cap	Coax.Cable	QK381
QK404	5925-6450	6200	120	100	-195 to -275	300		20 avg.	-0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-50/U	QK404
QK412	5100-5900	5500	100	70	-160 approx.	300			-0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Coax. to W.G. RG-49/U	QK412
QK414	9660-10,250	10,000	20	15	-128 to -183	300		50 min.	-0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-52/U	QK414
QK422	7125-8125	7600	150	100	-150 to -225	300		20 min.	-0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-50/U	QK422
QK431	15,000-17,000	15,000-17,000	25	20	-60 to -210	300		75 min.	-0.2 to -0.6	0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	QK431