



1.0 GHz to 10.0 GHz

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /+15 VDC Current (mA) Nom/Max	Size
CA110-3030	1.0	10.0	20/25	±2.0/±1.5	7.5/5.0	30	40	2.25:1/1.85:1	2.25:1/1.85:1	950*	K3S
CA110-3043	1.0	10.0	30/34	±2.0/±1.0	2.0/1.7	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-4015	1.0	10.0	30/35	±2.0/±1.5	5.0/4.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	260	K4
CA110-3025	1.0	10.0	30/34	±2.0/±1.0	3.0/2.4	15	25	2.0:1/1.5:1	2.0:1/1.5:1	260	K3S
CA110-4017	1.0	10.0	30/35	±2.0/±1.5	5.0/4.2	17	27	2.0:1/1.5:1	2.0:1/1.5:1	285	K4
CA110-3105	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3108	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3110	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3113	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3115	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3118	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3120	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3123	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3124	1.0	10.0	30/35	±1.75/±1.5	4.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3135	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3138	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3140	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3143	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3145	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3148	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3150	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3153	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3154	1.0	10.0	30/35	±1.75/±1.5	3.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3165	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3168	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3170	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3173	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3175	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3178	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3180	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3183	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3184	1.0	10.0	30/35	±1.75/±1.5	3.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3195	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3198	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3200	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3203	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3205	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3208	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3210	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3223	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3224	1.0	10.0	30/35	±1.75/±1.5	3.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3235	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3238	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3240	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3243	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3245	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3248	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3250	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3253	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3254	1.0	10.0	30/35	±1.75/±1.5	3.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3265	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3268	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3270	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3273	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3275	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3278	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3280	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3283	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3284	1.0	10.0	30/35	±1.75/±1.5	2.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3295	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3298	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3300	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3303	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3305	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S

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CA110-3308	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3310	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3313	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3314	1.0	10.0	30/35	±1.75/±1.5	2.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
										540	K3S
CA110-3325	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3328	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3330	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3333	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3335	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3338	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3340	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3343	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3344	1.0	10.0	30/35	±1.75/±1.5	2.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-3355	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3358	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3360	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA110-3363	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA110-3365	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA110-3368	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K3S
CA110-3370	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA110-3373	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K3S
CA110-3374	1.0	10.0	30/35	±1.75/±1.5	2.0/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	540	K3S
CA110-4105	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4108	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4110	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4113	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4115	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4118	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4120	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4123	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4124	1.0	10.0	35/40	±1.75/±1.5	4.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4

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CA110-4135	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4138	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4140	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4143	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4145	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4148	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4150	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4153	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4154	1.0	10.0	35/40	±1.75/±1.5	3.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4165	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4168	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4170	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4173	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4175	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4178	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4180	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4183	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4184	1.0	10.0	35/40	±1.75/±1.5	3.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4195	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4198	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4200	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4203	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4205	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4208	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4210	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4223	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4224	1.0	10.0	35/40	±1.75/±1.5	3.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4235	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4238	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4240	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4243	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4245	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4248	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4250	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4253	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4254	1.0	10.0	35/40	±1.75/±1.5	3.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4265	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4268	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4270	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4273	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4275	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4278	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4280	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4283	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4284	1.0	10.0	35/40	±1.75/±1.5	2.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4295	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4298	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4300	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4303	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4305	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4308	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4310	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4313	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4314	1.0	10.0	35/40	±1.75/±1.5	2.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4

Ciao Wireless, Inc.

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1.0 GHz to 10.0 GHz

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /-15 VDC Current (mA) Nom/Max	Size
CA110-4325	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4328	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4330	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4333	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4335	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4338	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4340	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4343	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4344	1.0	10.0	35/40	±1.75/±1.5	2.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4355	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4358	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4360	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4363	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4365	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4368	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4370	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4373	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4374	1.0	10.0	35/40	±1.75/±1.5	2.1/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-4385	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4388	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4390	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA110-4393	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-4395	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-4398	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-4400	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-4403	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA110-4404	1.0	10.0	35/40	±1.75/±1.5	2.0/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5105	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5108	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5110	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5113	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5115	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5118	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5120	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5123	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5124	1.0	10.0	40/45	±1.75/±1.5	4.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5135	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5138	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5140	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5143	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5145	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5148	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5150	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5153	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5154	1.0	10.0	40/45	±1.75/±1.5	3.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5165	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5168	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5170	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5173	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5175	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5178	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5180	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5183	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5184	1.0	10.0	40/45	±1.75/±1.5	3.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4

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1.0 GHz to 10.0 GHz

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 +/-15 VDC Current (mA) Nom/Max	Size
CA110-5195	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5198	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5200	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5203	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5205	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5208	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5210	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5223	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5224	1.0	10.0	40/45	±1.75/±1.5	3.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5235	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5238	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5240	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5243	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5245	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5248	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5250	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5253	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5254	1.0	10.0	40/45	±1.75/±1.5	3.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5265	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5268	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5270	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5273	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5275	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5278	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5280	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5283	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5284	1.0	10.0	40/45	±1.75/±1.5	2.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5295	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5298	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5300	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5303	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5305	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5308	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5310	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5313	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5314	1.0	10.0	40/45	±1.75/±1.5	2.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5325	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5328	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5330	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5333	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5335	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5338	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5340	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5343	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5344	1.0	10.0	40/45	±1.75/±1.5	2.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5355	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5358	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5360	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5363	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5365	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5368	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5370	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5373	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5374	1.0	10.0	40/45	±1.75/±1.5	2.1/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4
CA110-5385	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5388	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5390	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5393	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA110-5395	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA110-5398	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA110-5400	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA110-5403	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K4
CA110-5404	1.0	10.0	40/45	±1.75/±1.5	2.0/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	620	K4

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