



8.0 GHz to 18.0 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
CA818-2001	8.0	18.0	14	±1.5	5.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	100	K2
CA818-2002	8.0	18.0	14	±1.5	5.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K2
CA818-2003	8.0	18.0	13	±1.5	5.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	200	K2
CA818-2004	8.0	18.0	12	±1.5	5.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	250	K2
CA818-2005	8.0	18.0	11	±1.5	6.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	300	K2
CA818-2006	8.0	18.0	10	±1.5	6.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	400	K2
CA818-3001	8.0	18.0	20	±1.5	5.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3
CA818-3002	8.0	18.0	20	±1.5	5.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	200	K3
CA818-3003	8.0	18.0	19	±1.5	5.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	250	K3
CA818-3004	8.0	18.0	18	±1.5	5.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	300	K3
CA818-3005	8.0	18.0	17	±1.5	6.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	350	K3
CA818-3006	8.0	18.0	16	±2.0	6.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	450	K3
CA818-4001	8.0	18.0	26	±2.0	5.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA818-4002	8.0	18.0	25	±2.0	5.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA818-4003	8.0	18.0	25	±2.0	5.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA818-4004	8.0	18.0	24	±2.0	5.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA818-4005	8.0	18.0	23	±2.0	6.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	400	K4
CA818-4006	8.0	18.0	22	±2.0	6.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA818-4007	8.0	18.0	24	±2.0	6.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA818-4008	8.0	18.0	24	±2.0	6.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	650	K4
CA818-4009	8.0	18.0	23	±2.0	6.5	26	36	2.0:1/1.5:1	2.0:1/1.5:1	900	K4
CA818-4011	8.0	18.0	26	±1.5	4.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA818-4012	8.0	18.0	25	±1.5	4.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA818-4013	8.0	18.0	25	±1.5	4.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA818-4014	8.0	18.0	24	±1.5	4.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA818-4015	8.0	18.0	23	±1.5	4.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K4
CA818-4016	8.0	18.0	22	±1.5	4.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA818-4020	8.0	18.0	24	±1.5	4.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA818-4021	8.0	18.0	24	±1.5	4.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	650	K4
CA818-4022	8.0	18.0	26	±1.5	3.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA818-4023	8.0	18.0	25	±1.5	3.5	12	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA818-4024	8.0	18.0	25	±1.5	3.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA818-4025	8.0	18.0	24	±1.5	3.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA818-4026	8.0	18.0	23	±1.5	3.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K4
CA818-4027	8.0	18.0	22	±1.5	3.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA818-4028	8.0	18.0	24	±1.5	3.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA818-4029	8.0	18.0	24	±1.5	3.5	25	35	2.0:1/1.5:1	2.0:1/1.5:1	650	K4

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CA818-4030	8.0	18.0	26	±1.5	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA818-4031	8.0	18.0	25	±1.5	3.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA818-4032	8.0	18.0	25	±1.5	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA818-4033	8.0	18.0	24	±1.5	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA818-4034	8.0	18.0	23	±1.5	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K4
CA818-4035	8.0	18.0	22	±1.5	3.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	500	K4
CA818-4036	8.0	18.0	24	±1.5	3.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	550	K6
CA818-4037	8.0	18.0	24	±1.5	3.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	650	K4
CA818-4038	8.0	18.0	26	±1.5	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA818-4039	8.0	18.0	25	±1.5	2.5	12	23	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA818-4040	8.0	18.0	25	±1.5	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA818-4041	8.0	18.0	24	±1.5	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	350	K4
CA818-4042	8.0	18.0	23	±1.5	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K4
CA818-4043	8.0	18.0	22	±1.5	2.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA818-4044	8.0	18.0	24	±1.5	2.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	550	K4
CA818-4045	8.0	18.0	24	±1.5	2.5	25	35	2.0:1/1.5:1	2.0:1/1.5:1	650	K4
CA818-5001	8.0	18.0	32	±2.5	5.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K6
CA818-5002	8.0	18.0	32	±2.5	5.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-5003	8.0	18.0	31	±2.5	5.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-5004	8.0	18.0	30	±2.5	5.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-5005	8.0	18.0	29	±2.5	6.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-5006	8.0	18.0	28	±2.5	6.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	550	K6
CA818-5007	8.0	18.0	29	±2.5	6.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	650	K6
CA818-5008	8.0	18.0	29	±2.5	6.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	700	K6
CA818-5009	8.0	18.0	28	±2.5	6.0	26	36	2.0:1/1.5:1	2.0:1/1.5:1	950	K6
CA818-5011	8.0	18.0	32	±2.0	4.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K6
CA818-5012	8.0	18.0	32	±2.0	4.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-5013	8.0	18.0	31	±2.0	4.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-5014	8.0	18.0	30	±2.0	4.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-5015	8.0	18.0	29	±2.0	4.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-5016	8.0	18.0	28	±2.0	4.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K6
CA818-5017	8.0	18.0	29	±2.0	4.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	650	K6
CA818-5018	8.0	18.0	29	±2.0	4.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	700	K6

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CA818-5022	8.0	18.0	32	±2.0	3.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K6
CA818-5023	8.0	18.0	32	±2.0	3.5	12	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-5024	8.0	18.0	31	±2.0	3.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-5025	8.0	18.0	30	±2.0	3.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-5026	8.0	18.0	29	±2.0	3.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-5027	8.0	18.0	28	±2.0	3.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K6
CA818-5028	8.0	18.0	29	±2.0	3.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	650	K6
CA818-5029	8.0	18.0	29	±2.0	3.5	25	35	2.0:1/1.5:1	2.0:1/1.5:1	700	K6
CA818-5030	8.0	18.0	32	±2.0	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K6
CA818-5031	8.0	18.0	32	±2.0	3.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-5032	8.0	18.0	31	±2.0	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-5033	8.0	18.0	30	±2.0	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-5034	8.0	18.0	29	±2.0	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-5035	8.0	18.0	28	±2.0	3.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K6
CA818-5036	8.0	18.0	29	±2.0	3.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	650	K6
CA818-5037	8.0	18.0	29	±2.0	3.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	700	K6
CA818-5038	8.0	18.0	32	±2.0	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	250	K6
CA818-5039	8.0	18.0	32	±2.0	2.5	12	23	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-5040	8.0	18.0	31	±2.0	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-5041	8.0	18.0	30	±2.0	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-5042	8.0	18.0	29	±2.0	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-5043	8.0	18.0	28	±2.0	2.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K6
CA818-5044	8.0	18.0	29	±2.0	2.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	650	K6
CA818-5045	8.0	18.0	29	±2.0	2.5	25	35	2.0:1/1.5:1	2.0:1/1.5:1	700	K6
CA818-6001	8.0	18.0	38	±2.5	5.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-6002	8.0	18.0	38	±2.5	5.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-6003	8.0	18.0	37	±2.5	5.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-6004	8.0	18.0	36	±2.5	5.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-6005	8.0	18.0	35	±2.5	6.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K6
CA818-6006	8.0	18.0	34	±2.5	6.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	600	K6
CA818-6007	8.0	18.0	34	±2.5	6.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	715	K6
CA818-6008	8.0	18.0	34	±2.5	6.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	800	K6
CA818-6009	8.0	18.0	33	±2.5	6.0	26	36	2.0:1/1.5:1	2.0:1/1.5:1	995	K6

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CA818-6011	8.0	18.0	38	±2.0	4.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-6012	8.0	18.0	38	±2.0	4.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-6013	8.0	18.0	37	±2.0	4.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-6014	8.0	18.0	36	±2.0	4.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-6015	8.0	18.0	35	±2.0	4.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K6
CA818-6016	8.0	18.0	34	±2.0	4.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	660	K6
CA818-6017	8.0	18.0	33	±2.0	4.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	715	K6
CA818-6018	8.0	18.0	33	±2.0	4.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	800	K6
CA818-6022	8.0	18.0	38	±2.0	3.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-6023	8.0	18.0	38	±2.0	3.5	12	23	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-6024	8.0	18.0	37	±2.0	3.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-6025	8.0	18.0	36	±2.0	3.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-6026	8.0	18.0	35	±2.0	3.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K6
CA818-6027	8.0	18.0	34	±2.0	3.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	660	K6
CA818-6028	8.0	18.0	33	±2.0	3.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	715	K6
CA818-6029	8.0	18.0	33	±2.0	3.5	25	35	2.0:1/1.5:1	2.0:1/1.5:1	800	K6
CA818-6030	8.0	18.0	38	±2.0	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-6031	8.0	18.0	38	±2.0	3.0	12	23	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-6032	8.0	18.0	37	±2.0	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-6033	8.0	18.0	36	±2.0	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-6034	8.0	18.0	35	±2.0	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K6
CA818-6035	8.0	18.0	34	±2.0	3.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	660	K6
CA818-6036	8.0	18.0	34	±2.0	3.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	715	K6
CA818-6037	8.0	18.0	34	±2.0	3.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	800	K6
CA818-6038	8.0	18.0	38	±2.0	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	300	K6
CA818-6039	8.0	18.0	38	±2.0	2.5	12	23	2.0:1/1.5:1	2.0:1/1.5:1	350	K6
CA818-6040	8.0	18.0	37	±2.0	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	400	K6
CA818-6041	8.0	18.0	36	±2.0	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	450	K6
CA818-6042	8.0	18.0	35	±2.0	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	500	K6
CA818-6043	8.0	18.0	34	±2.0	2.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	660	K6
CA818-6044	8.0	18.0	34	±2.0	2.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	715	K6
CA818-6045	8.0	18.0	34	±2.0	2.5	26	35	2.0:1/1.5:1	2.0:1/1.5:1	800	K6

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