



## 1.0 GHz to 8.0 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
CA18-2001	1.0	8.0	20	±2.0	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	90	XK2
CA18-2002	1.0	8.0	20	±2.0	3.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	XK2
CA18-2003	1.0	8.0	20	±2.0	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	130	XK2
CA18-2004	1.0	8.0	19	±2.0	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	160	XK2
CA18-2005	1.0	8.0	19	±2.0	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	185	XK2
CA18-2006	1.0	8.0	18	±2.0	3.0	22	32	2.0:1/1.5:1	2.0:1/1.5:1	220	XK2
CA18-2011	1.0	8.0	20	±2.0	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	90	XK2
CA18-2012	1.0	8.0	20	±2.0	2.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	XK2
CA18-2013	1.0	8.0	20	±2.0	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	130	XK2
CA18-2014	1.0	8.0	19	±2.0	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	160	XK2
CA18-2015	1.0	8.0	19	±2.0	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	185	XK2
CA18-2016	1.0	8.0	18	±2.0	2.5	22	32	2.0:1/1.5:1	2.0:1/1.5:1	220	XK2
CA18-2021	1.0	8.0	20	±2.0	2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	90	XK2
CA18-2022	1.0	8.0	20	±2.0	2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	XK2
CA18-2023	1.0	8.0	20	±2.0	2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	130	XK2
CA18-3001	1.0	8.0	30	±2.0	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	90	XK2
CA18-3002	1.0	8.0	30	±2.0	3.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	XK2
CA18-3003	1.0	8.0	30	±2.0	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	130	XK2
CA18-3004	1.0	8.0	29	±2.0	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	160	XK2
CA18-3005	1.0	8.0	27	±2.0	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	185	XK2
CA18-3006	1.0	8.0	26	±2.0	3.0	22	32	2.0:1/1.5:1	2.0:1/1.5:1	220	XK2
CA18-3011	1.0	8.0	30	±2.0	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	90	XK2
CA18-3012	1.0	8.0	30	±2.0	2.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	XK2
CA18-3013	1.0	8.0	30	±2.0	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	130	XK2
CA18-3014	1.0	8.0	29	±2.0	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	160	XK2
CA18-3015	1.0	8.0	27	±2.0	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	185	XK2
CA18-3016	1.0	8.0	26	±2.0	2.5	22	32	2.0:1/1.5:1	2.0:1/1.5:1	220	XK2
CA18-3021	1.0	8.0	30	±2.0	2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	90	XK2
CA18-3022	1.0	8.0	30	±2.0	2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	XK2
CA18-3023	1.0	8.0	30	±2.0	2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	130	XK2

**Ciao Wireless, Inc.**

4000 Via Pescador / Camarillo / CA 93012

Tel (805) 389-3224 / Fax (805) 389-3629 / [ciaowireless.com](http://ciaowireless.com)



# 1.0 GHz to 8.0 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
CA18-4001	1.0	8.0	40	±2.0	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	220	XK3
CA18-4002	1.0	8.0	40	±2.0	3.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	230	XK3
CA18-4003	1.0	8.0	40	±2.0	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	270	XK3
CA18-4004	1.0	8.0	39	±2.0	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	290	XK3
CA18-4005	1.0	8.0	37	±2.0	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	310	XK3
CA18-4006	1.0	8.0	36	±2.0	3.0	22	32	2.0:1/1.5:1	2.0:1/1.5:1	350	XK3
CA18-4011	1.0	8.0	40	±2.0	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	220	XK3
CA18-4012	1.0	8.0	40	±2.0	2.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	230	XK3
CA18-4013	1.0	8.0	40	±2.0	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	270	XK3
CA18-4014	1.0	8.0	39	±2.0	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	290	XK3
CA18-4015	1.0	8.0	37	±2.0	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	310	XK3
CA18-4016	1.0	8.0	36	±2.0	2.5	22	32	2.0:1/1.5:1	2.0:1/1.5:1	350	XK3
CA18-4021	1.0	8.0	40	±2.0	2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	220	XK3
CA18-4022	1.0	8.0	40	±2.0	2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	230	XK3
CA18-4023	1.0	8.0	40	±2.0	2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	270	XK3
CA18-4401	1.0	8.0	45	±1.5	3.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	240	XK3
CA18-4402	1.0	8.0	45	±1.5	3.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	XK3
CA18-4403	1.0	8.0	45	±1.5	3.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	290	XK3
CA18-4404	1.0	8.0	45	±1.5	3.0	17	27	2.0:1/1.5:1	2.0:1/1.5:1	310	XK3
CA18-4405	1.0	8.0	45	±1.5	3.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	330	XK3
CA18-4406	1.0	8.0	45	±1.5	3.0	22	32	2.0:1/1.5:1	2.0:1/1.5:1	370	XK3
CA18-4411	1.0	8.0	45	±1.5	2.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	240	XK3
CA18-4412	1.0	8.0	45	±1.5	2.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	XK3
CA18-4413	1.0	8.0	45	±1.5	2.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	290	XK3
CA18-4414	1.0	8.0	45	±1.5	2.5	17	27	2.0:1/1.5:1	2.0:1/1.5:1	310	XK3
CA18-4415	1.0	8.0	45	±1.5	2.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	330	XK3
CA18-4416	1.0	8.0	45	±1.5	2.5	22	32	2.0:1/1.5:1	2.0:1/1.5:1	370	XK3
CA18-4421	1.0	8.0	45	±1.5	2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	240	XK3
CA18-4422	1.0	8.0	45	±1.5	2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	250	XK3
CA18-4423	1.0	8.0	45	±1.5	2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	290	XK3

**Ciao Wireless, Inc.**

4000 Via Pescador / Camarillo / CA 93012

Tel (805) 389-3224 / Fax (805) 389-3629 / [ciaowireless.com](http://ciaowireless.com)