



10 MHz to 40 GHz Ultra-Wideband Operating Low Noise Amplifiers.

Ciao Wireless features its latest line of ultra-wideband amplifiers, offering instantaneous bandwidth operation as wide as 10 MHz to 40 GHz. These models include High Reliability performance with options for Gain Levels up to 40 dB and output power up to +20 dBm, with custom designs available.

Model Number	Frequency (dB) (GHz)	Gain (dB) (Min)	Flatness (dB) (Max/Typ)	Noise Below 20 GHz (dB) (TYP)	Noise Above 20 GHz (dB) (TYP)	P-1dB (dBm) (Min)	IP3 (dBm) (Typ)	VSWR Input/Output (Max)	+12 /+15 VDC Current (Nom)
CA0040-101010	0.01-40.0	10	±3.0	4.5	7.0	+10	+20	2.0:1	250
CA0040-101013	0.01-40.0	10	±3.0	4.5	7.0	+13	+23	2.0:1	275
CA0040-101015	0.01-40.0	10	±3.0	4.5	7.0	+15	+25	2.0:1	300
CA0040-101020	0.01-40.0	10	±3.0	4.5	7.0	+20	+30	2.0:1	350
CA0040-151010	0.01-40.0	15	±3.0	4.5	7.0	+10	+20	2.0:1	265
CA0040-151013	0.01-40.0	15	±3.0	4.5	7.0	+13	+23	2.0:1	280
CA0040-151015	0.01-40.0	15	±3.0	4.5	7.0	+15	+25	2.0:1	315
CA0040-151020	0.01-40.0	15	±3.0	4.5	7.0	+20	+30	2.0:1	375
CA0040-231010	0.01-40.0	23	±3.0	4.5	7.0	+10	+20	2.0:1	275
CA0040-231013	0.01-40.0	23	±3.0	4.5	7.0	+13	+23	2.0:1	290
CA0040-231015	0.01-40.0	23	±3.0	4.5	7.0	+15	+25	2.0:1	320
CA0040-231020	0.01-40.0	23	±3.0	4.5	7.0	+20	+30	2.0:1	365
CA0040-281010	0.01-40.0	28	±3.0	4.5	7.0	+10	+20	2.0:1	275
CA0040-281013	0.01-40.0	28	±3.0	4.5	7.0	+13	+23	2.0:1	290
CA0040-281015	0.01-40.0	28	±3.0	4.5	7.0	+15	+25	2.0:1	320
CA0040-281020	0.01-40.0	28	±3.0	4.5	7.0	+20	+30	2.0:1	365
CA0040-321010	0.01-40.0	32	±3.0	4.5	7.0	+10	+20	2.0:1	300
CA0040-321013	0.01-40.0	32	±3.0	4.5	7.0	+13	+23	2.0:1	325
CA0040-321015	0.01-40.0	32	±3.0	4.5	7.0	+15	+25	2.0:1	350
CA0040-321020	0.01-40.0	32	±3.0	4.5	7.0	+20	+30	2.0:1	400

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