

AMPS TO 20 GHz

Teledyne Cougar continues to expand performance and frequency options, so you have the right amplifier for any design or application. Frequencies to 20 GHz, high power options and the performance you need make our amplifiers the only choice. Cougar is the choice for all of your amplifier needs.



Model	Freq. Range (GHz)	Small Signal Gain (dB) Typ.	Noise Figure (dB) Typ.	Power Output at 1dB Comp. (dBm) Typ.	Intercept Point 3rd/2nd (dBm) Typ.	D.C. Volts Nom.	D.C. mA Typ.
A3CP7029	3.0-7.0	27.5	3.6	27.5	33.5/51	12	425
ACP8017	3.0-8.0	11.5	4.2	21.5	31/48	12	125
A2CP11039	5.0-11.0	12.0	4.0	33.0	42/57	15	1500
ACP12019	6.0-12.0	10.5	4.1	28.0	39/52	10	210
A2CP14639	6.0-14.0	11.0	4.0	33.0	42/57	15	1500
ACP16025	8.0-16.0	7.5	4.3	29.0	42/65	12	253
ACP18015	8.0-18.0	9.2	4.0	15.5	23/31	5	63
A2CP18225	10.0-18.0	15.0	4.5	25.5	35/44	12	325
ACP20015	2.0-20.0	10.0	4.5	16.0	26/29	5	76
ACP20215	2.0-20.0	20.0	4.8	18.0	28/45	5	156

Typical and guaranteed specifications vary versus frequency; see detailed data sheets for specification variations.

Teledyne Cougar is your one-stop source for reliable RF and Microwave amplifiers, subsystems, integrated assemblies and value-added service needs.



TELEDYNE COUGAR
A Teledyne Technologies Company

ISO 9001:2000 • ASA9100 • MIL-PRF-38534
Class H & Class K Certified

927 Thompson Place • Sunnyvale, CA 94085 • 408-522-3838 • Fax 408-522-3839
www.teledyne-cougar.com • email: Amp@cougarcorp.com