

## TWT and Klystron Driver Amplifiers (IPA)

- Electronically controlled gain adjustment
- High quality thin-film technology
- Low power consumption
- Single multi-pin control jack connector standard
- Common standard package for all models
- Linearized gain control of  $\pm 1$  dB available
- RF power monitors available
- Custom gain and output power available

Model Number	Frequency Range (GHz)	Small Signal Gain (dB min)	Gain Flatness ( $\pm$ dB max)	Noise Figure (dB max)	VSWR max in/out	Variable Gain Control (dB max)	Output Power at P-1 dB (dBm Max)	DC Power (Volts)	DC Power (mA)	Outline Configuration
<b>0.8 to 31.0 Ghz</b>										
CMA0828B1	0.8-2.8	30	1.0	10	2.0/2.0	35	+30	+12	800	80-95357
CMA1025B3	1.0-2.5	40	1.0	10	2.0/2.0	35	+33	+12	1400	80-95357
CMA2080B1	2.0-8.0	25	1.0	10	2.0/2.0	30	+24	+12	800	80-95357
CMA40180A1	4.0-18.0	20	1.5	12	2.0/2.0	30	+18	+12	600	80-95357
CMA5866A13	5.8-6.6	30	1.0	7	1.4/1.3	25	+13	+12	260	80-95357
CMA58145A3	5.8-14.5	35	1.0	10	2.0/2.0	35	+21	+12	450	80-95357
CMA60180A3	6.0-18.0	20	1.5	12	2.0/2.0	30	+20	+12	600	80-95357
CMA7984A1	7.9-8.4	30	1.0	7	1.4/1.3	25	+13	+12	260	80-95357
CMA127145A6	12.7-14.5	35	1.5	7	1.4/1.3	25	+18	+12	500	80-95357
CMA173184A8	17.3-18.4	38	1.0	7	1.4/1.3	25	+20	+12	500	80-95357
CMA180265A2	18.0-26.5	25	2.0	8	2.0/2.0	25	+20	+12	500	80-95357
CMA270310A1	27.0-31.0	45	2.0	12	2.0/2.0	35	+21	+12	800	80-95357