

Amplifier Selection Guide

Model	Description	Frequency Min (MHz)	Frequency Max (MHz)	Small Signal Gain (Typ)	Gain Flatness (Typ)	Reverse Isolation (Typ)	Noise Figure (Typ)	Power Output @1dB (Typ)	IP3 (Typ)	IP2 (Typ)	Second Order Harmonic IP (Typ)	VSWR Input/Output (Typ)	DC Current @ 15V (Typ)	DC Voltage (Max)	Continuous Input Power (Max)	Peak Input Power (Max)	Package Style	Hermetic
Custom p/n will be assigned	Amplifier Family, Cascadable, 5 to 500 MHz	5	500	18.7 dB	+/- 0.3 dB	19 dB	6.5 dB	20.5 dBm	+30 dBm	+38 dBm	+41 dBm	1.5:1 / 1.5:1	79 mA	+17V	+13dBm	0.5 W	SMA Connectorized, Surface Mount, TO-8	X
Custom p/n will be assigned	Amplifier Family, Cascadable, 10 to 1200 MHz	10	1200	26 dB	+/- 0.5 dB	32 dB	3.4 dB	8.0 dBm	+20 dBm	+41 dBm	+47 dBm	1.5:1 / 1.5:1	35 mA	+20V	+6dBm	0.5 W	SMA Connectorized, Surface Mount, TO-8	X
Custom p/n will be assigned	Amplifier Family,Cascadable, 100 to 800 MHz	100	800	22 dB	+/- 0.5 dB	29dB	4.5 dB	17.5 dBm	+30 dBm	+35 dBm	+42 dBm	1.4:1 / 1.4:1	42 mA	+17V	+13dBm	0.5 W	SMA Connectorized, Surface Mount, TO-8	X