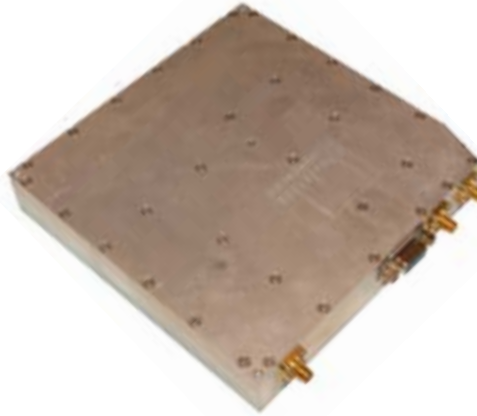


RADITEK

SATCOM C Band Amplifier

C-Band Amplifier

5.2-5.4 GHz, 50dB Gain, 47dBm Pout, 28Volts



Order Examples: RAMP-5.2-5.4-50d-Sf-47d-28V-L4

Description: (Amplifier, 5.2-5.4GHz, 50dB Gain, SMA female Connectors, 47dBm, 28 Volts)

Specifications		Units
Frequency Range:	5.2 – 5.4	GHz
Pout (Psat) typical	+47	dBm
Gain	50± 2	dB
Gain Flatness (over full band) (max)	± 1.5	dB
Gain Change (over Temperature)	± 1	dB
Input/Output Return Loss	2:1 max., 1.5: 1 typ	
DC Input Voltage	+28 ± 2%	Volts
DC Input Current	8	Amperes
Mechanical Dimensions	7.50 x 3.97 x 0.79 H = 3.3 with heat sink	in.
RF Connectors	SMA Female	
Operating Temperature	-40 to + 85	°C
Operating Humidity	95 Non-Condensing	%
Operating Altitude (above Sea Level)	Up to 10,000	feet
P1dB (typical)	47	dBm
Noise Figure (max)	5	dB
Weight	2	Kg