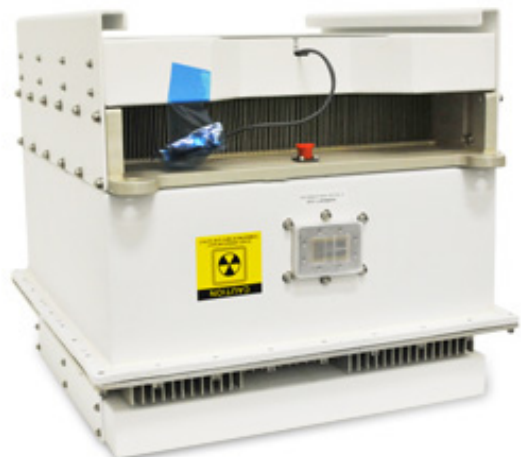


C-BAND BUC

C-band Block Up Converter

Upcom Technologies' line of Solid State Block Up Converters fills a market need for a reliable low-cost all-in-one satellite amplifier and converter package.

It can be used for video, data and voice applications over satellite. High reliability is a key factor in this design allowing for years of maintenance free operation field proven in the most remote areas of the world.



- **SSPA BASED**
- **AC UNIVERSAL POWER INPUT**
- **INTERNAL OR EXTERNAL 10MHz (OPTION)**
- **AVAILABLE IN 20W, 40W, 60W, 80W, 100W, 125W, 200W, 400W and 500W**
- **2 YEAR WARRANTY!**

Model	UC-20C	UC-40C	UC-60C	UC-80C	UC-100C	UC-125C	UC-200C	UC-400C	UC-500C
Output Power (PSAT)	20W	40W	60W	80W	100W	125W	200W	400W	500W
Gain, dB min.	70dB	70dB	70dB	80dB	80dB	80dB	80dB	80dB	80dB
Power Consumption	300W	450W	550W	600W	750W	850W	1200W	1450W	1450W

Output Range:	5.850 to 6.425 GHz (others optional)	IF Input (L-band):	Type N Connector
Input Range:	950 to 1525 MHz	RF Output (C-Band):	CPR-137 Grooved
Gain Flatness over 50MHz:	+/-1.0dB max. at room temperature	M&C:	RS-485/RS-232 or analog
Gain Flatness full band	+/-2.75dB max. at room temperature	Altitude:	Up to 10,000ft
Gain Variation	+/-2.5dB max. at operating temperature	Temperature:	Operating Temperature: -40° to +55°C Storage Temperature: -55° to +85°C
Input VSWR:	2.0:1 max.	Humidity:	100% considering 2" rain per hour
Output Return Loss:	-17dB max.	Shock and Vibration:	Equal to mobile van or stationary rack.
Spurious at Rated Power:	-50dBc max	AC Power:	85VAC to 220VAC 50/60Hz
Third Order IMD:	-34dBc max @ 7dB back off		
Output Phase Noise:	@1KHz : -70dBc/Hz @ 10KHz : -80dBc/Hz @ 100KHz : -90dBc/Hz		

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