

EXT. C-BAND BUC

Ext. 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**
- **INTEGRATED DESIGN**
- **AVAILABLE IN 10W, 20W, 40W, 60W**
- **2 YEAR WARRANTY!**

Model	UC-10EC	UC-20EC	UC-40EC	UC-60EC
Output Power	10W	20W	40W	60W
Gain, dB min.	70dB	73dB	85dB	85dB
Power Consumption	120W	250W	650W	700W

Output Range:	5.85 - 6.725GHz (others optional)	M&C:	RS-485/RS-232 or analog
Input Range:	950 to 1800 MHz	Altitude:	Up to 10,000ft
Gain Flatness over 50MHz:	+/-1.0dB max. at room temperature	Temperature:	Operating Temperature: -30° to +55°C Storage Temperature: -55° to +85°C
Gain Flatness full band	+/-2.5dB max. at room temperature	Humidity:	98%
Gain Variation	+/-1.5dB max. at operating temperature	Shock and Vibration:	Equal to mobile van or stationary rack.
Input VSWR:	2.0:1 max.	AC Power:	85VAC to 220VAC 50/60Hz
Output Return Loss:	-17dB max.		
Spurious at Rated Power:	-50dBc max		
Third Order IMD:	-30dBc max @ 7dB back off		
Output Phase Noise:	@1KHz: -75dBc/Hz @ 10KHz: -80dBc/Hz @ 100KHz: -90dBc/Hz		
IF Input (L-band):	Type N Connector		
RF Output (C-Band):	WR-137 Grooved		

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