

Ka-Band 40W Block Up Converters



Applications

- High power BUCs for VSAT
- SatCom Applications
- Mobile / OTM Applications

Features

- Compact Size and Light Weight
- Non-Inverter Type
- Various Options for Interface

Specification

Frequency Band	Ka Band 40W	
RF Frequency	28.8 to 29.1 GHz (300MHz Bandwidth) Option : TBD Bandwidth	
IF Frequency	950 ~ 1250MHz (300MHz) Option : TBD Bandwidth	
Output P1dB	46dBm typ. (Linear Power : P1dB-3dB)	
IMD	24dBc @ P1dB-3dB with 2-tone	
Gain & Gain Variation over Temp.	65dB typ.	
	5dB p-p	
Gain Flatness	± 1.0 dB max. @ any 50 MHz	
	± 2.0 dB max. @ over 500MHz full band	
Gain Control Range (Option)	30dB , Step size 0.1 ~ 1.0dB	
External Ref. (10MHz)	-5~+5 dBm	
	-125 dBc/Hz max. @ 100 Hz	
	-135 dBc/Hz max. @ 1kHz	
	-140 dBc/Hz max. @ 10kHz	
Phase Noise (SSB)	-63 dBc/Hz @ 100Hz	
	-73 dBc/Hz @ 1KHz	
	-83dBc/Hz @ 10KHz	
	-93 dBc/Hz @ 100KHz	
DC Power	36 ~ 72V , 420W max. AC option : 450W max.	
M&C (Option)	Alarm (Lock/Temperature/Current) Monitor (Lock/Power/Temp./Atten./Current) Control (Mute/Atten./Fan)	
Physical Interface	WR-28(RF Output), N Female(RF Input) DC : MS3112E12-xP	
	Option : MS3112E12-xP (RS-232 M&C)	
Dimension	TBD - 270.0(L) X 180.0(W) X 180.0(H) mm max.	
	TBD – 10.64(L) X 7.1(W) X 7.1(H) Inch	
Weight	TBD – 8.0 Kg max.	
Temperature Range	Operation : -35°C to +55°C	Operation : -35°C to +55°C
	Storage : -40°C to +80°C	Storage : -40°C to +80°C

The specification subject to change without notice.



For the customized specification, price, and delivery ; Contact us

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TBD

40W BUC Outline

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