



- Output Frequency Range 7900 - 8400 MHz
- Input Frequency Range 950 to 1450 MHz
- LO frequency switchable 6950 MHz

## 25W Gan X-Band BUC

Model: GB50XS3N

Item	Specification
OUTPUT Frequency Range	7900 - 8400 MHz
INPUT Frequency Range	950 - 1450 MHz
LO Frequency (M&C switching)	6950 MHz
RF Output Power @ P1dB	+47 dBm
RF Liner Power (IM3 -25 dBi)	+44 dBm
Gain	65 dB
Gain flatness	± 2.0 dB
Spurious	< -50 dB
IF Input Interface	50 ohm – N type
RF Output Flange	CPR112
Phase Noise ▼	< -60 dBc/Hz at 100 Hz, < -75 dBc/Hz at 1 kHz < -85 dBc/Hz at 10 kHz < -95 dBc/Hz > at 100 kHz
External Reference	10 MHz sine wave
Ref Input Level	-5 to +5 dBm @ 50 ohm
Shut off BUC in case of LO unlocked	internal
AC Power supply	AC 110/220V 50/60Hz, 48VDC optional
Power consumption	300 W
Operating Temperature	-40 °C to 50 °C
Relative Humidity	up to 100% (water proof design)

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