

30 GHz Up Converter

RF Frequency (GHz)	29.5 - 31
LO Frequency (GHz)	8.88 or 9.2
IF Frequency (GHz)	2.4 – 3.4
LO Drive (dBm)	+5
IF Input Drive (dBm)	+3 ±2
Conversion Gain (dB)	27
Gain Flatness (± dB)	± 0.5
Output P-1 Min (dBm)	+ 5
LO - RF Leakage Max (dBc)	-60
IF - RF Leakage Max (dBc)	-60
Spurious Max (dBc)	-60
Harmonics Max (dBc)	-60
VSWR RF/LO/IF	1.5:1
Supply Voltage (+ VDC ± 5%)	12
Supply Current (mA Max)	500
RF Connector	WR-28 Square
LO & IF Connector (Female)	SMA
Package Size (“)	1 X 2.4 x 3.4

