



Input parameters:	
Input Frequency range	24.2 – 25.2 GHz
Input VSWR, max	2.0
Input interface	Waveguide WR 42
Local Oscillator:	
LO frequency	23.2 GHz
LO instability (ppm)	≤1.0 ppm
Output parameters:	
Output frequency range	1.0 – 2.0 GHz
Output Power @P1dB	+3 dBm
Gain, min	50 dB
Gain flatness over band	±2 dB
Gain flatness over 30 MHz	±0.75 dB
Output interface	SMA/N type (50 Ω), F type (75 Ω)
Output impedance	50 / 75 Ω
Output VSWR, max	2.5
Spurious:	
Noise Figure (@+25 °C)	2.5 dB max
LO leakage, max	–45 dBm

Image rejection, min	40 dBc
AGC Depth, min	25 dB
Power supply:	
Input voltage	12 – 24 VDC
Power consumption	≤350 mA
Environmental:	
Operating temperature	–30 °C to +60 °C
Storage temperature	–40 °C to +80 °C
Operating humidity	0 % – 95 %
Mechanical:	
Dimensions (W × H × D)	60 × 42 × 126 mm
Weight	0.4 kg