

Parameters	Specifications
Noise figure (@ +25°C)	0.9 dB max.
Input VSWR	2.5 : 1 max.
Image rejection	45 dBc min.
Conversion gain	60 dB typ.
Output VSWR	2.5 : 1 max.
Gain flatness	4 dBp-p max.
Gain ripple (@per 27 MHz)	+/- 0.75 dB max.
1dB gain compression point	+5 dBm min.
Output impedance	75 ohms
Leakage (@ input port)	-45 dBm max.
Phase noise	-65 dBc/Hz (@1KHz) -80 dBc/Hz (@10KHz) -95 dBc/Hz (@100KHz)
Power supply	+12 to +24V DC
Required current	150 mA max.
Operating temperature	-30°C to +60°C
Storage temperature	-40°C to +80°C
Relative humidity	0% to 95% RH
Input waveguide flange	WR- 75
IF output connector	F-Type female
Weight	190 g