

Parameters	Specifications
Noise temperature (@+25°C)	30 'K max.
Input VSWR	2.5 : 1 max.
Image rejection	45 dBc min.
Conversion gain	65dB typ. 55dB min. 70dB max.
Output VSWR	2.5 : 1 max.
Gain flatness	4 dBp-p max.
Gain ripple (@per 27 MHz segment)	+/- 0.5 dB max.
1dB gain compression point	+3 dBm min.
Output impedance	75 ohms
Leakage (@ input port)	-45 dBm max.
Phase noise	-65 dBc/Hz @1KHz offset -80 dBc/Hz @10KHz offset -95 dBc/Hz @100KHz offset
Power supply	+12 to +24V DC
Required current	150 mA max.
Operating temperature	-40°C to +60°C
Storage temperature	-40°C to +80°C
Relative humidity	0% to 95% RH
Input waveguide flange	WR- 229
IF output connector	F-Type female
Weight	575 g