

Parameters		Specifications
<b>Input Characteristics</b>		
Frequency Range		A : 950 ~ 1450 MHz B : 950 ~ 1450 MHz C : 950 ~ 1700 MHz <b>S : 950 ~ 1700 MHz</b>
Impedance		75 Ohm , 50 Ohm
VSWR		2 : 1
Interface		F-Type or N-Type
<b>Output Characteristics</b>		
Frequency Range		A : 14.00 ~ 14.50 GHz (LO Freq = 13.05GHz) B : 13.75 ~ 14.25 GHz (LO Freq = 12.80GHz) C : 13.75 ~ 14.50 GHz (LO Freq = 12.80GHz) <b>S : 13.75 ~ 14.50 GHz (LO 12.80 and 13.05GHz)</b>
1dB Compression Point.	Min.	39dBm
VSWR		2 : 1
Interface		WR75G
<b>Transfer Characteristics</b>		
Frequency Sense		Non-inverted
Linear Gain	Typical	65 dB
Gain Variation	Over 54 MHz Over the whole Bandwidth Over Operation Temperature	1.5 dB 4 dB 4 dB
Spurious	In band Out of band	-60dBc -50dBc
Phase Noise	100Hz 1KHz 10KHz 100KHz	-60dBc/Hz -70dBc/Hz -80dBc/Hz -90dBc/Hz
<b>Miscellaneous</b>		
External Reference	Input Frequency Input Power Phase Noise	10MHz -5 to +5dBm@Input Port -125dBc/Hz @ 100Hz offset -135dBc/Hz @ 1kHz offset -140dBc/Hz @ 10kHz offset
Operating Voltage DC		18 ~ 60VDC (Opt. MS Connector)
Power Consumption	Max.	75W
Operating Temperature		-40 to +55 °C
Humidity		Up to 100%
Internal Function		Lock Detector shuts off Tx in case of LO unlocked
Dimensions / Weight		175.9 X 169 X 101 (mm) / 2.7 Kg