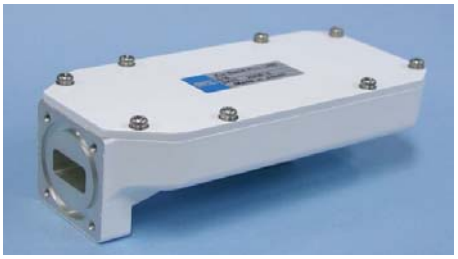
Features:

- 1dB Gain Compression +10dBm
- Suitable for high data rate digital communication applications
- Low power consumption
- Low noise

TYPICAL SPECIFICATIONS SPCR5400 series

No	Item	Specification		
-1	RF Input Frequency	11.70 to 12.20 GHz	12.25 to 12.75 GHz	10.95 to 11.70 GHz
-2	IF Output Frequency	950 to 1450 MHz		950 to 1700 MHz
-3	Local Frequency	10.75 GHz	11.30 GHz	10.00 GHz
-4	Local Frequency Stability	Phase locked to external reference		
-5		Supplied through the center conductor of IF cable [Frequency] 10MHz(sine wave) [Input Level] 0 to -10dBm @ IF out [Phase Noise] -134dBc/Hz max. @ 100 Hz -144dBc/Hz max. @ 1 KHz -154dBc/Hz max. @ 10 KHz -154dBc/Hz max. @ 100 KHz		
-6		Offset Frequency / Phase Noise 100 Hz / -70 dBc/Hz 1 KHz / -80 dBc/Hz 10 KHz / -85 dBc/Hz 100 KHz / -105 dBc/Hz		
-7	Noise Figure			
-8	Gain			
-9	Gain Ripple			
-10	1 dB Gain Compression Poi			
-11	Spurious in Rx Band	-140dBm max. @ waveguide input excluding Rx out ± 1 MHz measured at RF Input power -85dBm		
-12	Input Voltage			
-13	Current	220 mA		
-14	Input Interface			
-15	Output Interface			
-16	Size			
-17	Weight	approx. 300g		
-18	Operating Temperature	-40°C to +60°C		
-19	Storage Temperature	-40°C to +80°C		



Ku-Band Ext Ref PLL LNB ordering information

Frequency
A = 11.70 - 12.20 GHz
B = 12.25 - 12.75 GHz
C = 10.95 - 11.70 GHz

Connector
F = Type F (Std)
N = Type N (Opt)

S P C R 5 4 0 0 X X