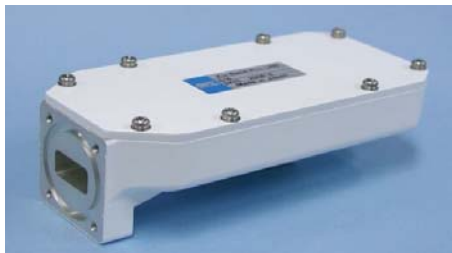


Features:

- **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 \pm 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