

## KH HRC-99 PLL 5GHz Rejection product Specifications

### C band single polarization single output LNBF -built in 5G elimination filter

Input Frequency (GHz)	3.7 - 4.2 GHz
L.O. Frequency (GHz)	5.15GHz
Noise Figure	20° K (Min.), 35° K (Max.), 25° K (Type)
Conversion Gain (Room Temp.)	55 dB (min.) / 65 dB (max.), 60 (Type)
Gain Flatness	±0.5 dB / 26 MHz
Gain Variation	5dB / Full Band
L.O. Frequency Stability	±150KHz (max.) @ +25 °C
L.O. Phase Noise	-65 dBc/Hz @ 1 KHz -80 dBc/Hz @ 10 KHz
Image Rejection	45 dB (min.)
P1 dB Compression Point	5 dBm (Max.)
Input VSWR	2.2 : 1 (max.)
Output VSWR	2.2 : 1 (max.)
Rejection 5G	85dB(max.)
5G input level	-33dBm (max.)
Output Connector	75 Ohm F-Type Female
Input Connector	CPR-229G waveguide grooved waterproof
DC Current Consumption	300mA (max.)
DC Voltage Supply	11.5 ~ 24.0 V
L.O. Leakage Input Port	-45dBm(max.)
Operating Temperature	-40 °C ~ +70 °C
Storage Temperature	-40°C to +80°C
Relative Humidity	0%-95%
Construction	Aluminum
Dimension	190(L)X115(W)X78(H)mm

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