

GK-611A-60

High Stability PLL Universal Single LNBF


- Best Performance PLL Ku LNBF
- Easy Installation (40mm)
- Superb Non Drift Performance
- L.O Accuracy & Stability Within **+/- 1.0MHz**
- 100% Water Leak Proof



RoHS
COMPLIANT

SPECIFICATION	LOW BAND	HIGH BAND
INPUT FREQUENCY RANGE	10.7~11.7 GHz	11.7~12.75 GHz
F/D RATIO	0.5~0.7	
CROSS POL. ISOLATION	20 dB (Min.)	
NOISE FIGURE	0.6 dB (typical)	0.6 dB (typical)
CONVERSION GAIN	65dB (typical)	
GAIN FLATNESS	±0.5 dB / 27 MHz	
OUTPUT FREQUENCY	950 ~ 1950 MHz	1100 ~ 2150 MHz
L.O. FREQ.	9.75 GHz	10.60 GHz
L.O. FREQ. STABILITY (25°C)	±0.5MHz	±0.5MHz
(-40°C ~ 60°C)	±1.5MHz	±1.5MHz
L.O. PHASE NOISE	-65 dBc / Hz (@ 1KHz) -78 dBc / Hz (@ 10KHz) -95 dBc / Hz (@ 100KHz)	
OUTPUT POWER LEVEL (AT 1 dB GAIN COMPRESSION)	0 dBm	
IMAGE REJECTION	40dB(min)	
OUTPUT VSWR	2.5: 1 (MAX.)	
OUTPUT CONNECTOR	75 Ω F TYPE FEMALE	
DC CURRENT CONSUMPTION	90mA Max	
OPERATING VOLTAGE	(1) 11.5 ~ 14.0 V → VERTICAL POLARIZATION (2) 16.0 ~ 19.0 V → HORIZONTAL POLARIZATION (3) Continuous 22KHz ± 4KHz → HIGH BAND SELECTION	
OPERATING TEMPERATURE	-40°C ~ +60°C	

* CE Conformity assessment through ETC 

** WEEE / RoHS Conformity assessment through Bureau Veritas 



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