

GK-611A-80

High Stability Universal PLL Single LNBF

- Best Performance PLL Ku LNBF
- Easy Installation (40mm)
- Superb Non Drift Performance
- L.O Accuracy & Stability Within **+/- 0.6MHz**
- 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	0.7 dB (max.)	0.7 dB (max.)
CONVERSION GAIN	60dB (typical)	
GAIN FLATNESS	±4 dB / Full Band	±0.5 dB / 26 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)	±0.6MHz	±0.6MHz
L.O. PHASE NOISE	-70 dBc / Hz (@ 1KHz) -80 dBc / Hz (@ 10KHz) -90 dBc / Hz (@ 100KHz)	
OUTPUT POWER LEVEL (AT 1 dB GAIN COMPRESSION)	0 dBm (min.)	
IMAGE REJECTION	40 dB (min.)	
OUTPUT VSWR	2.5: 1 (max.)	
OUTPUT CONNECTOR	75 Ω F TYPE FEMALE	
DC CURRENT CONSUMPTION	110mA (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



FULLWAY COMMUNICATIONS LTD.

No.18, Aly. 20, Ln. 835, Sec. 1, Zhonghua Rd.,
Zhongli Dist., Taoyuan City 320, Taiwan (R.O.C.)

Email: sales@fullway.com.tw

Website: www.fullway.com.tw