

GK-831A-65


Circular PLL Ku Band Single LNBF

- High Gain Low Noise LNBF
- Easy Installation (40mm)
- Phase Lock Loop non drift
- Well Performance
- Low Power Consumption
- 100% Water Leak Proof



RoHS
COMPLIANT

SPECIFICATION	
INPUT FREQUENCY RANGE	11.7~12.75 GHz
REFLECTOR TYPE	OFFSET
F/D RATIO	0.5~0.7
CROSS POL. ISOLATION	20 dB (Min.)
NOISE FIGURE	0.7 dB (typical)
CONVERSION GAIN	58 dB (typical)
GAIN FLATNESS	±0.5 dB / 27 MHz (Max)
OUTPUT FREQUENCY	950 ~ 2000 MHz
L.O. FREQUENCY	10.75 GHz
L.O. PHASE NOISE	-65 dBc / Hz (@ 1KHz) -80 dBc / Hz (@ 10KHz) -90 dBc / Hz (@ 100KHz)
OUTPUT POWER LEVEL (AT 1 dB GAIN COMPRESSION)	0 dBm
IMAGE REJECTION	40 dB (min.)
OUTPUT VSWR	2.5 : 1 (MAX.)
OUTPUT CONNECTOR	75 Ω F TYPE FEMALE
DC CURRENT CONSUMPTION	110 mA (Max)
OPERATING VOLTAGE	(1) 11.5 ~ 14.0 V → R.H CIRCULAR POLARIZATION (2) 16.0 ~ 19.0 V → L.H CIRCULAR POLARIZATION
OPERATING TEMPERATURE	-40°C ~ +60°C

* CE Conformity assessment through ETC 

** WEEE / RoHS Conformity assessment through Bureau Veritas



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