

# GK-411-60

## Digital HQ Universal Single LNBF

- Easy Installation (40mm)
- World Smallest Compact Design
- High Stability HD Performance
- Low Noise Anti Rain Fade, Mosaic
- HDTV DVB-S2 Compliant
- Low Power Consumption
- 100% Water Leak Proof



**RoHS**  
COMPLIANT



SPECIFICATION	LOW BAND	HIGH BAND
INPUT FREQUENCY RANGE	10.7~11.7 GHz	11.7~12.75 GHz
REFLECTOR TYPE	OFFSET	
F/D RATIO	0.5~0.7	
CROSS POL. ISOLATION	20 dB (Min.)	
NOISE FIGURE	0.5 dB (typical)	0.5 dB (typical)
CONVERSION GAIN	58 dB (typical)	
GAIN FLATNESS	±0.6 dB / 27 MHz	
OUTPUT FREQUENCY	950 ~ 1950 MHz	1100 ~ 2150 MHz
L.O. FREQUENCY	9.75 GHz	10.60 GHz
L.O. PHASE NOISE	-55 dBc / Hz ( @ 1KHz ) -80 dBc / Hz ( @ 10KHz ) -100 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	85 mA	
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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