

GK-451-60


4.3 Universal Monoblock LNBF

- Monoblock LNBF
- Easy Installation (40mm)
- Excellent Performance
- 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	0.6 dB (typical)	0.6 dB (typical)
CONVERSION GAIN	55 dB (typical)	
GAIN FLATNESS	±0.5 dB / 27 MHz (Max.) ±0.5 dB (Max.) P-P Over Operating Band	
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	130 mA	
OPERATING TEMPERATURE	-40°C ~ +60°C	

* CE Conformity assessment through ETC 

** WEEE / RoHS Conformity assessment through Bureau Veritas



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DiSEqC Command	Output
Lo, V. Sat One	Eutelsat HotBird Lo Band Vertical
Hi, V. Sat One	Eutelsat HotBird Hi Band Vertical
Lo, H. Sat One	Eutelsat HotBird Lo Band Horizontal
Hi, H. Sat One	Eutelsat HotBird Hi Band Horizontal
Lo, V. Sat Two	Astra, Lo Band Vertical
Hi, V. Sat Two	Astra, Hi Band Vertical
Lo, H. Sat Two	Astra, Lo Band Horizontal
Hi, H. Sat Two	Astra, Hi Band Horizontal

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