

GK-612T-90

Universal PLL Slim Twin LNBF

- Dual outputs LNBF
- Ultra Slim Design
- Easy Installation (40mm)
- HD DVB-S2 Compliant
- Low Power Consumption
- 100% Water Leak Proof



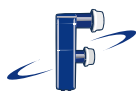
RoHS
COMPLIANT

HD
ready

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	0.7 dB (typical)	0.7 dB (typical)
CONVERSION GAIN	58 dB (typical)	
GAIN FLATNESS	±0.5 dB / 27 MHz	
OUTPUT FREQUENCY	950 ~ 1950 MHz	1100 ~ 2150 MHz
L.O. FREQUENCY	9.75 GHz	10.60 GHz
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	
IMAGE REJECTION	40 dB (min.)	
OUTPUT VSWR	2.0 : 1 (MAX.)	
OUTPUT CONNECTOR	75 Ω F TYPE FEMALE	
DC CURRENT CONSUMPTION	150mA	
OPERATING VOLTAGE	(1) 11.5 ~ 14.0 V → VERTICAL POLARIZATION (2) 16.0 ~ 20.0 V → HORIZONTAL POLARIZATION (3) Continuous 22KHz ± 4KHz → HIGH BAND SELECTION	
OPERATING TEMPERATURE	-30°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
 Tel: 886-3-4611138 Fax: 886-3-4617290

Email: sales@fullway.com.tw

Website: www.fullway.com.tw