



G-STAR COMMUNICATIONS LTD.

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GU-481-60

Universal Monoblock 3 degrees

Single LNBF

	Low Band	High Band
Input Frequency Range	10.70 ~ 11.70 GHz	11.70 ~ 12.75 GHz
Reflector Type	Offset	
Cross Polarization Isolation	20 dB (Min.)	
Noise Figure	0.6 dB Typical	0.6 dB Typical
Conversion Gain	50 dB (Min.) / 60 dB (Max.)	
Gain Flatness	±0.5 dB / 27 MHz (Max.) ±0.5 dB (Max.) P-P Over Operating Band	
Output Frequency Range	950 ~ 1950 MHz	1100 ~ 2150 MHz
L.O. Frequency	9.75 GHz	10.60 GHz
L.O Frequency Stability	1. ±1 MHz (Room Temperature) 2. ±3 MHz (-40°C to +60°C)	
L.O. Phase Noise	-55 dBc / Hz (@ 1 kHz) -80 dBc / Hz (@ 10 kHz) -100 dBc / Hz (@ 100 kHz)	
Output Power Level (At 1 dB Gain Comp.)	0 dBm (Min.)	
Image Rejection	40 dB (Min.)	
Output VSWR	2.5 : 1 (Max.)	
Output Connector	75 Ω F Type Female	
DC Current Consumption	160 mA (Max.)	
Operating Voltage	(1) Vertical polarization : 11.5 ~ 14.0 V (2) Horizontal polarization : 16.0 ~ 19.0 V	
Operating Temperature	-40°C to +60°C	