



G-STAR COMMUNICATIONS LTD.

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GU-532-02

Regular Polarity Circular Dual LNBF

DirectTV Square Mount

Low Band

Input Frequency Range	12.2 ~ 12.7 GHz
Reflector Type	Offset
F/D Ratio	0.5 ~ 0.7
Cross Polarization Isolation	20 dB (Min.)
Noise Figure	1.1 dB (Max.)
Conversion Gain	50 dB (Min.) / 62 dB (Max.)
Gain Flatness	±0.5 dB / 24 MHz
Output Frequency Range	950 ~ 1450 MHz
L.O. Frequency	11.25 GHz
L.O Frequency Stability	1. ±1 MHz (Room Temperature) 2. ±3 MHz (-40°C to +60°C)
L.O. Phase Noise	-50 dBc / Hz (@ 1 KHz) -75 dBc / Hz (@ 10 KHz) -95 dBc / Hz (@ 100 KHz)
Output Power Level (At 1 dB Gain Compression)	0 dBm (Min.)
Image Rejection	40 dB (Min.)
Output VSWR	2.5 : 1 (Max.)
Output Connector	75 Ω F Type Female
DC Current Consumption	200 mA Typical
Operating Voltage	R.H. : 11.5 ~ 14.0 V L.H. : 15.5 ~ 21.0 V
Operating Temperature	-40°C to +60°C