



G-STAR COMMUNICATIONS LTD.

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GU-932-03

HIGH BAND CIRCULAR TWIN LNBF

Specification

Input Frequency Range	11.7 ~ 12.75 GHz
Reflector Type	Offset
Cross Polarization Isolation	15 dB (Typical)
Noise Figure	0.6 dB
Conversion Gain	50 dB (Min.) / 60 dB (Max.)
Gain Flatness	±0.5 dB / 24 MHz
Output Frequency Range	950 ~ 2000 MHz
L.O. Frequency	10.75 GHz
L.O Frequency Stability	±1 MHz (Room Temperature)
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 Compression)	0 dBm (Min.)
Image Rejection	45 dB (Min.)
Output VSWR	2.5 : 1 (Max.)
Output Connector	75 Ω F Type Female
DC Current Consumption	200 mA Typical
Operating Voltage	(1) 11.5 ~ 14.0 Vdc → Right Hand Polarization (2) 16.0 ~ 19.0 Vdc → Left Hand Polarization
Operating Temperature	-40°C to +60°C