



G-STAR COMMUNICATIONS LTD.

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**GU-934-03**

**HIGH BAND CIRCULAR QUAD LNBF**

**Specification**

<b>Input Frequency Range</b>	11.7 ~ 12.75 GHz
<b>Reflector Type</b>	Offset
<b>Cross Polarization Isolation</b>	15 dB (Typical)
<b>Noise Figure</b>	0.7 dB
<b>Conversion Gain</b>	50 dB (Min.) / 62 dB (Max.)
<b>Gain Flatness</b>	±0.5 dB / 24 MHz
<b>Output Frequency Range</b>	950 ~ 2000 MHz
<b>L.O. Frequency</b>	10.75 GHz
<b>L.O Frequency Stability</b>	1. ±1 MHz (Room Temperature) 2. ±3 MHz (-40°C to +60°C)
<b>L.O. Phase Noise</b>	-50 dBc / Hz (@ 1 KHz) -75 dBc / Hz (@ 10 KHz) -95 dBc / Hz (@ 100 KHz)
<b>Output Power Level (At 1 dB Gain Compression)</b>	0 dBm (Min.)
<b>Image Rejection</b>	40 dB (Min.)
<b>Output VSWR</b>	2.5 : 1 (Max.)
<b>Output Connector</b>	75 Ω F Type Female
<b>DC Current Consumption</b>	200 mA Typical
<b>Operating Voltage</b>	(1) 11.5 ~ 14.0 Vdc → Right Hand Polarization (2) 16.0 ~ 19.0 Vdc → Left Hand Polarization
<b>Operating Temperature</b>	-40°C to +60°C