



G-STAR COMMUNICATIONS LTD.

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**GU-931-29**

**HIGH BAND CIRCULAR SINGLE LNBF**

**Specifications**

<b>Input Frequency Range</b>	11.70 ~ 12.75 GHz
<b>Reflector Type</b>	Offset
<b>Cross Polarization Isolation</b>	10-15 dB (Typical)
<b>Noise Figure</b>	0.6 dB (Typical)
<b>Conversion Gain</b>	65 dB (Typical)
<b>Gain Flatness</b>	±0.5 dB / 27 MHz
<b>Output Frequency Range</b>	950 ~ 2000 MHz
<b>L.O. Frequency</b>	10.75 GHz
<b>L.O. Phase Noise</b>	-55 dBc / Hz (@ 1 KHz) -80 dBc / Hz (@ 10 KHz) -100 dBc / Hz (@ 100 KHz)
<b>Output Power Level (At 1 dB Gain Compression)</b>	0 dBm (Min.)
<b>Image Rejection</b>	45 dB (Min.)
<b>Output VSWR</b>	2.5 : 1 (Max.)
<b>Output Connector</b>	75 Ω F Type Female
<b>DC Current Consumption</b>	130 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