



G-STAR COMMUNICATIONS LTD.

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GU-721-LSD

UNIVERSAL SINGLE LNBF

LO 11.30 GHz High Gain KU Band LNBF

Input Frequency Range	12.25 ~ 12.75 GHz
Reflector Type	Offset
Cross Polarization Isolation	20 dB (Min.) / 25 dB (Typical)
Noise Figure	0.6 dB (Typical)
Conversion Gain	65 dB (Min.) / 55 dB (Max.)
Gain Flatness	±0.5 dB / 24 MHz
Output Frequency Range	950 ~ 1450 MHz
L.O. Frequency	11.30 GHz
L.O. Phase Noise	-55 dBc / Hz (@ 1 KHz) -80 dBc / Hz (@ 10 KHz) -100 dBc / Hz (@ 100 KHz)
L.O Frequency Stability	1. ±1 MHz (Room Temperature) 2. ±3 MHz (-40°C to +60°C)
Output Connector	75 Ω F Type Female
Operating Voltage	(1) 11.5 ~ 14.0 V → Vertical Polarization (2) 16.0 ~ 19.0 V → Horizontal Polarization
Operating Temperature	-40°C to +60°C