

DMS International



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JSC-MB4-2 Mono-Block Ku LNBF

Specifications	
Input Frequency	10.7 - 11.7 GHz and 11.7 - 12.75 GHz
Output Frequency	950 - 1950 MHz and 1100 - 2150 MHz
LO Frequency	9.75 GHz and 10.6 GHz
LO Initial Accuracy (@25°C)	± 1 MHz
LO Temperature Drift (@ -40 to 60°C)	± 3 MHz
LO Phase Noise (@ 1 KHz offset)	-60 dBc/Hz
LO Phase Noise (@ 10 KHz offset)	-80 dBc/Hz
LO Phase Noise (@ 100 KHz offset)	-100 dBc/Hz
Noise Figure	0.3 dB
Conversion Gain	50 to 62 dB
Gain Variation (over operating band)	5 dB p-p (typical)
Gain Flatness (any 27 MHz)	± 0.5 dB
Cross Pol. Isolation	20 dB (minimum) 25 dB (typical)
Image Rejection	40 dB (minimum)
P 1 dB	0 dBm (minimum)
Output VSWR	2:1
Spurious Response (@ 1700 MHz)	-58 dBm (maximum)
DC Current Consumption	180 mA (maximum)
Polarization Switching Voltage	Vertical: 10.5 to 14.2 volts Horizontal: 15.5 to 21 volts
Band Switching	Low: 0 KHz, High 22 ± 4 KHz
LO Spurious	-45 dBm (maximum)
Operation Temperature	-40°C to 60°C
Waterproof	+60°C water for 5 minutes
Output Connector	75 ohm F type