



# DMS International

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## JSC321S-2 Single Universal Ku LNBF

Specifications		
Input Frequency	10.7 – 11.7 Ghz	11.7 – 12.75 Ghz
Output Frequency	950 – 1950 MHz	1100 – 2150 MHz
LO Frequency	9.75 Ghz	10.6 Ghz
LO Initial Accuracy (@25°C)	± 1 MHz	
LO Temperature Drift (@ -40 – 60°C)	± 3 MHz	
LO Phase Noise	@ 1 KHz offset	-60 dBc/Hz
	@ 10 KHz offset	-80 dBc/Hz
	@ 100 KHz offset	-100 dBc/Hz
Noise Figure	0.6 dB (Typ.)	
Conversion Gain	50dB (Min.)	
Gain Variation (over operating band)	5dB p-p (Typ.)	
Gain Flatness (27 MHz)	±0.5 dB	
Cross Pol Isolation	20 dB (Min.) 25 dB (Typ.)	
Image Rejection	40 dB (Min.)	
P 1dB	0 dBm (Min.)	
Output VSWR	2 : 1	
Spurious Response (@ 1700 MHz)	-58 dBm (Max.)	
DC Current Consumption	160 mA (Max.)	
Polarization Switching Voltage	Vertical: 10.5 – 14.2 V	
	Horizontal: 15.5 – 21 V	
Band Switching	Low: 0 KHz	
	High 22 ± 4 KHz	
LO Spurious	-45 dBm (Max.)	
Operation Temperature	-40°C to 60°C	
Waterproof	60°C water for 5 minutes	
Output Connector	75 ohm F type	