Low Noise Block Converter

10.70-11.70 GHz, L Band, Integral feed, polarotor

RLNB-Ku-LBand-F(f)-DRO-FEED-m8

RoHS COMPLIANT

SATCOM
Ku Band/DRO LNB

Features

- Digital ready
- Low noise figure
- Easy installation
- Low power consumption
- Environmental protection
- High quality weather protection

SPECIFICATIONS:			Units
	LOW BAND	HIGH BAND	
Input Frequency:	10.70~11.70	10.70~12.75	GHz
Output Frequency:	950~1950	1100~2150	MHz
LO Frequency:	9.75/10.6 9.75/10.75		GHz
Noise Figure:	0.5		dB(Typ.)
Conversion Gain:	60		dB(Typ.)
F/D Radio:	0.6		
Input Interface:	Wave guide WR-75		
Cross Pol. Isolation:	20		dB(Typ.)
Image Rejection:	45		dB(Min.)
Polarity Switching Voltage:	Vertical	Horizontal	
	12-14.5	16-18	V
Operating Voltage:	Vertical	Horizontal	
	11.5 ~ 14	16 ~19	Vdc
Band Switching Pulse:	0/22		kHz tone
Gain Flatness:	±0.5dB/27MHz		
D.C.Current Consumption:	160		mA(Max.)
LO phase noise: @10kHz @100kHz @1MHz	 -70 -90 -110		 dB/Hz dB/Hz dB/Hz
Output power: (at 1dB gain compression)	10		dB(Min.)
Out put VSWR:	2.5		:1(Max.)
Output connector:	75Ω F type female		
Operating Temperature:	-40~ +60		°C
Storage Temperature:	-55~ +80		°C

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