

DATASHEET - CLNA

rev B

C-band Low Noise Amplifier		min	typ	max	unit	note
1.0	General	The CLNA is C-band Low Noise Amplifier designed for weak signal communication systems.				
1.1	RF frequency		5.76		GHz	
1.2	Gain		25		dB	
1.3	Noise Figure	@ 20 °C	0.6		dB	
1.3.1	Equivalent noise temperature		43		K	
1.4	Input return loss	6			dB	
1.5	Output impedance		50		Ohm	
1.6	Output return loss	10			dB	
1.7	Output P1dB	0			dBm	
1.8	Maximum RF input power	-20			dBm	
1.8	Supply voltage	9		15	V	
1.9	Supply current		25		mA	
1.10	Electrical stability	unconditional			matched ports	
1.11	Input connector	SMA, male			optional other connectors	
1.12	Output connector	SMA, female				
1.13	Dimensions	82 x 52 x 18			mm	overall
1.14	Weight		135		g	
1.15	Operational temperature range	-25		+55	°C	
1.16	Humidity protection	none				