



LNA

LNB

AM-2200/10 Series C/Ku-Band LNA/LNB

Technical Details

Frequency Band	Input Frequency (GHz)	Output Frequency (MHz)	L.O Frequency (GHz)	Dimensions (L x W x H)	Weight	Voltage (VDC)	Input Interface	Output Interface
C-Band PLL LNB	3.4 - 4.2	950 - 1750	5.15	100 x 130 x 80 mm / 4 x 5.1 x 3.1 in.	600 gms / 1.3 lbs	15 - 24	CPR-229G	N-Type
	3.7 - 4.2	950 - 1450	5.15					
	4.5 - 4.8	1150 - 1450	5.95					
Ku-Band PLL LNB	10.95 - 11.7	950 - 1700	10.00	140 x 60 x 40 mm / 5.5 x 2.4 x 1.6 in.	400 gms / 1 lbs	15 - 24	CPR-75G	F-Type
	11.7 - 12.20	950 - 1450	10.75					
	12.25 - 12.75	950 - 1450	11.30					
C-Band DRO LNB	3.4 - 4.2	950 - 1750	5.15	100 x 60 x 80 mm / 4 x 2.4 x 3.1 in.	190 gms / 0.5 lbs	12 - 20	CPR-229G	F-Type
	3.7 - 4.2	950 - 1450	5.15					
	4.5 - 4.8	1150 - 1450	5.95					
Ku-Band DRO LNB	10.95 - 11.7	950 - 1700	10.00	80 x 60 x 40 mm / 3.1 x 2.4 x 1.6 in.	300 gms / 0.7 lbs	12 - 24	CPR-75G	F-Type
	11.7 - 12.20	950 - 1450	10.75					
	12.25 - 12.75	950 - 1450	11.30					
C-Band LNA	3.4 - 4.2	3400 - 4200	NA	100 x 130 x 80 mm / 4 x 5.1 x 3.1 in.	640 gms / 1.4 lbs	11 - 15	CPR-229G	N-Type



Cert No. E08093



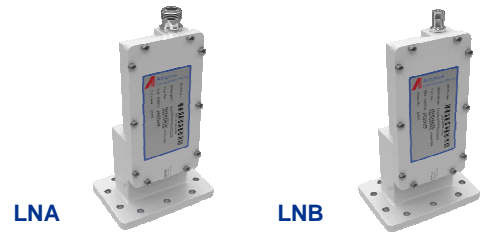
ISO 9001



ISO 14001



OHSAS 18001



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Technical Details

C / Ku-Band PLL LNB

Noise Temperature at 25°C	30 K max (C-Band) 75 K max (Ku-Band)
Gain	60 - 65 dB min
Gain Flatness over 40 MHz	± 1 dB
Gain Flatness over 750 MHz	± 2 dB
Gain Stability	± 2 dB
Phase Noise	Depends on ext ref frequency
Ext Ref Frequency	10 MHz
Input VSWR	2.5 : 1
Output VSWR	2.5 : 1
Spurious	-55 dBc max
Image Rejection	45 dBc min
Operating Temperature	-40°C to +55°C
Humidity	Up to 100%

C-Band LNA

Noise Temperature	30 K max at 25°C
Gain	55 - 60 dB
Gain Flatness over 40 MHz	± 0.5 dB
Gain Flatness over 750 MHz	± 2 dB
Gain Stability	± 2 dB
Input VSWR	2.5 : 1
Output VSWR	1.5 : 1
Operating Temperature	-40°C to +55°C
Humidity	Up to 100%

C / Ku-Band DRO LNB

Noise Temperature at 25°C	30 K max (C-Band) 75 K max (Ku-Band)
Gain	60 dB min
Gain Flatness over 40 MHz	± 1 dB
Gain Flatness over 750 MHz	± 2 dB
Gain Stability	± 2 dB
Ext Ref Frequency	10 MHz
Input VSWR	2.5 : 1
Output VSWR	2.5 : 1
Spurious	-55 dBc max
Image Rejection	45 dBc min
Operating Temperature	-40°C to +55°C
Humidity	Up to 100%
Phase Noise:	
1 KHz	65 dBc/Hz
10 KHz	80 dBc/Hz
100 KHz	95 dBc/Hz
LO Stability over Temperature	± 500 KHz

**All specifications & designs are subject to changes without notice*

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