

Ku Band 5300 Series PLL LNB



Part Number	Input Frequency	Output Frequency	Output Conn.
LNB1075S-500P-WF60 LNB1075S-500P-WN60	11.70 to 12.20 GHz 11.70 to 12.20 GHz	950 to 1450 MHz 950 to 1450 MHz	F, 75Ω (f) N, 50Ω (f)
LNB1130S-500P-WF60 LNB1130S-500P-WN60	12.25 to 12.75 GHz 12.25 to 12.75 GHz	950 to 1450 MHz 950 to 1450 MHz	F, 75Ω (f) N, 50Ω (f)
LNB1000S-750P-WF60 LNB1000S-750P-WN60	10.95 to 11.70 GHz 10.95 to 11.70 GHz	950 to 1700 MHz 950 to 1700 MHz	F, 75Ω (f) N, 50Ω (f)

*SMA output connectors also available

Specifications

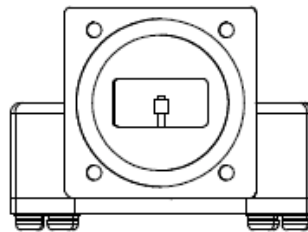
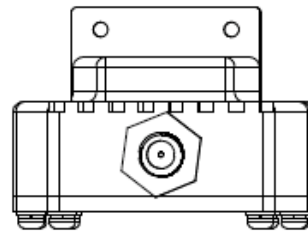
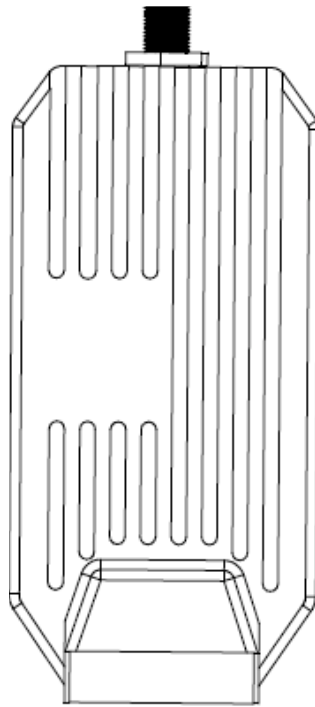
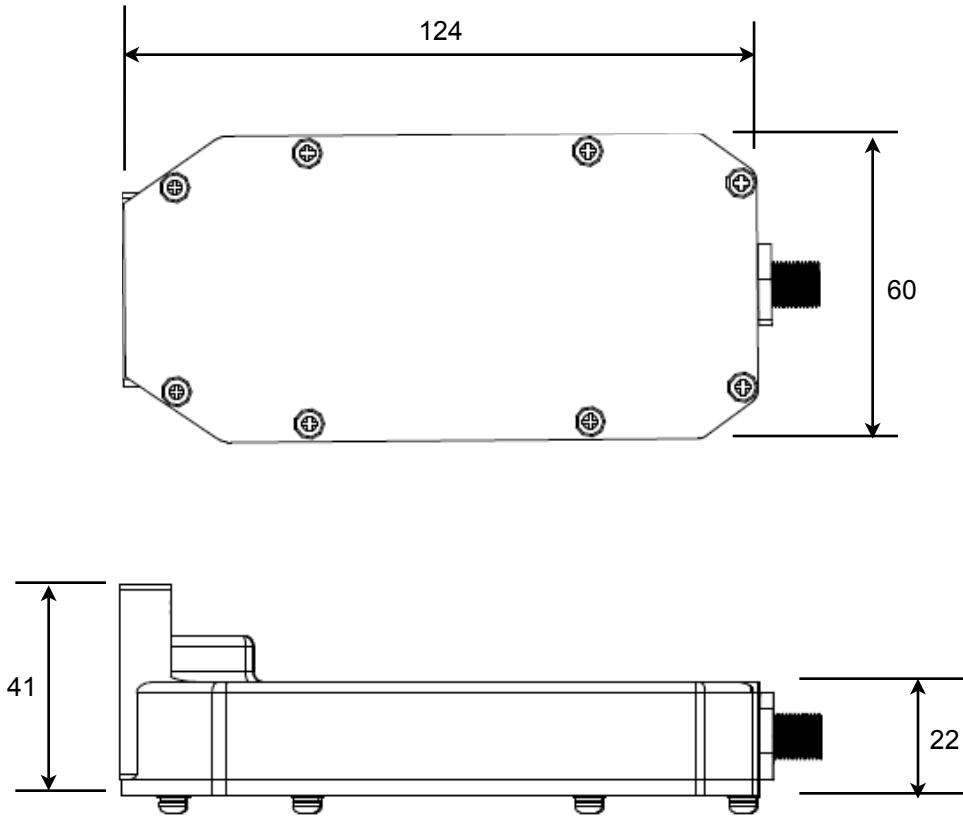
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Noise Figure:	0.7 dB typ @+25°C	Input Conn:	WR-75, 'O' ring
LO Frequency Stability:	±10 kHz over temperature range	Output Interface:	F-Type, 75 ohm or N-Type, 50 ohm
LO Phase Noise:	-80 dBc/Hz@ 1 kHz -85 dBc/Hz@10 kHz -105 dBc/Hz@ 100kHz	Input Voltage:	+12 to +24 VDC, 200mA via IFL cable
Gain Flatness:	≤ ±1.5 dB	Input VSWR: Output VSWR:	2.2:1 max. 1.5:1 max. @ 75Ω
Gain:	60 dB min.	Temp Range:	-40°C to +60°C
Gain Variation:	≤ ±2 dB over temp & frequency	Relative Humidity:	Up to 100% frost & condensation

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Mechanical
Diagram



RoHS & REACH Compliant