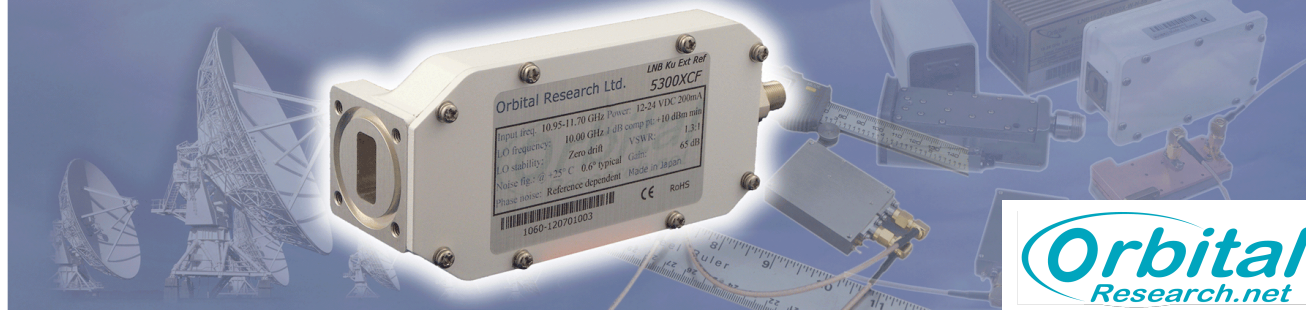


Ku Band 5400X Series External Reference LNB



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

Specifications

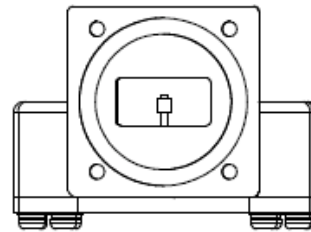
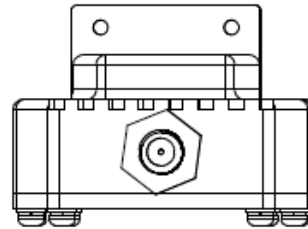
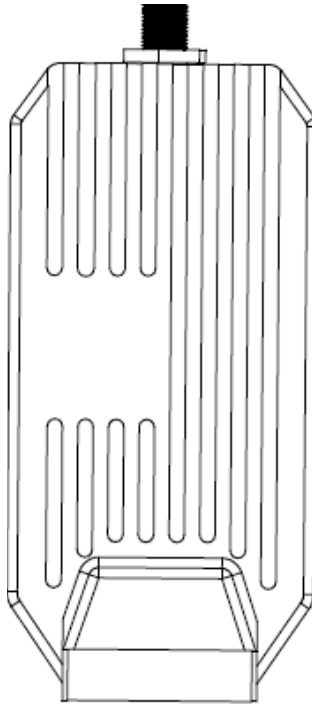
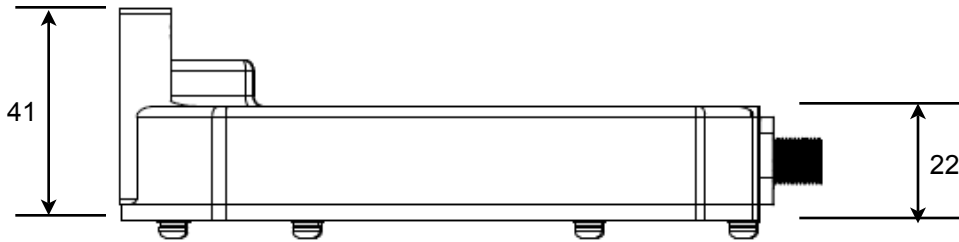
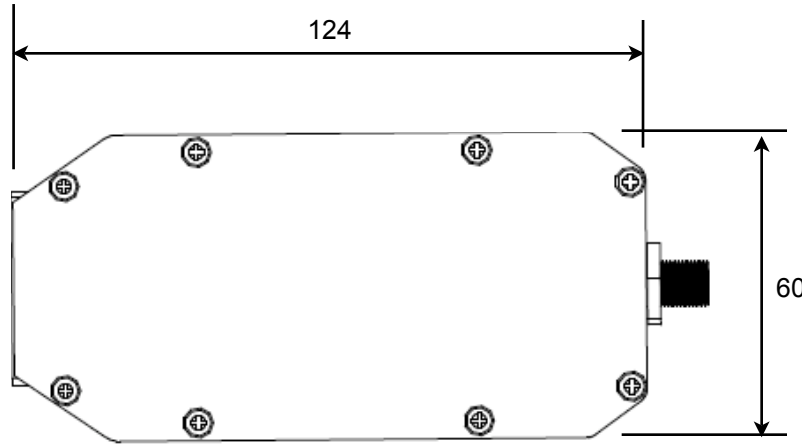
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Noise Figure:	0.7dB, typ @+25°C	Input Conn:	WR-75, 'O' ring
LO Frequency Stability:	Zero drift - phase locked to ext ref	Output Interface:	F-Type, 75Ω, or N-Type, 50Ω
LO Phase Noise:	Ref. dependent	10 MHz Level:	-8 dBm to 0 dBm
Gain:	60 dB minimum	Input Voltage:	+12 to +24 VDC
Gain Ripple:	<1 dB p-p max per 36 MHz segment	Size:	125 x 60 x 23 mm 4.9 x 2.4 x 0.9 in
Image Rejection:	>45 dBc max.	Current:	220 mA
1dB Comp. point:	+10 dBm min.	Weight:	approx. 350g
MTBF:	>175,000 hours	Temp Range:	-40°C to +60°C
Input VSWR:	2.2:1	Relative Humidity:	Up to 100% frost & condensation
Output VSWR:	1.5:1 max @ 75Ω		

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Mechanical
Diagram



RoHS & REACH Compliant