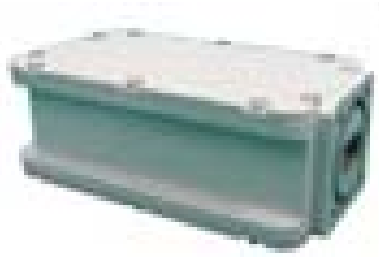
RADITEK

SATCOM
Ku-Band LNB /DRO

Low Noise Block, (LNB),
Ku Band to L-Band, N female, DRO,

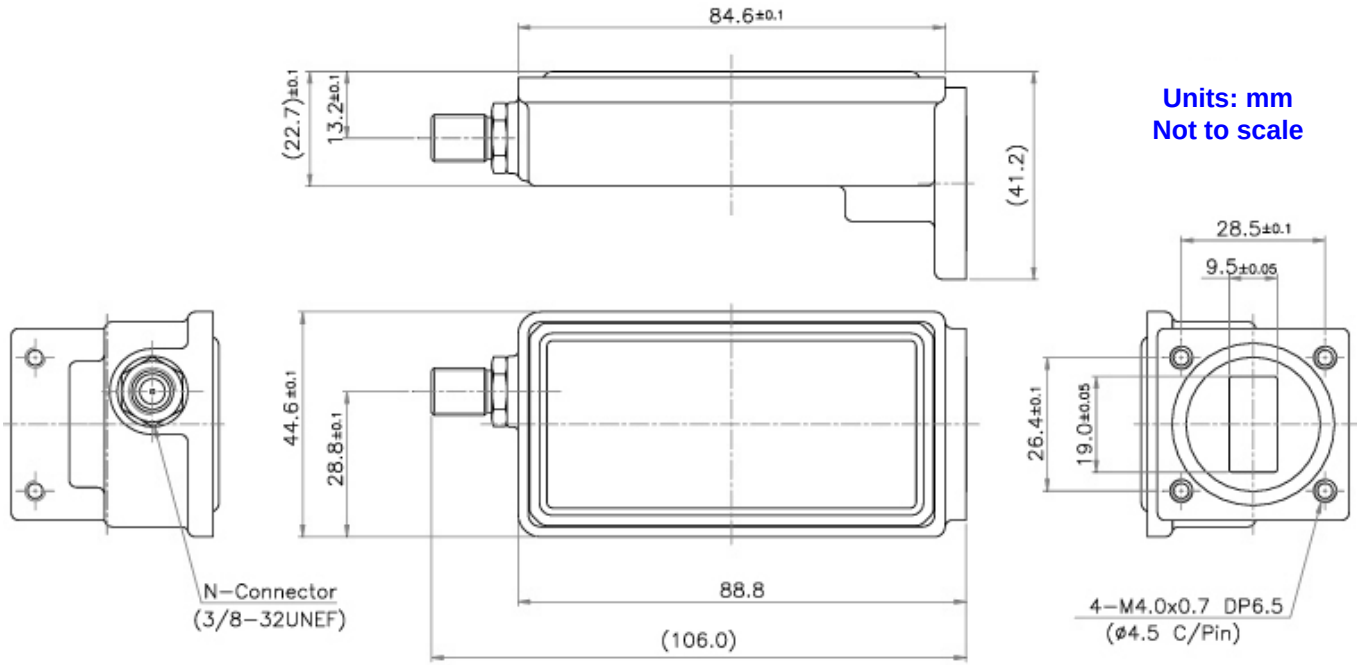
RoHS COMPLIANT



Order Examples: **RLNB-Ku(10.7-11.8)-L-Nf-DRO-A-w13**
Description: *(LNB, Ku(10.7-11.8 GHz) to L(950-2050MHz), N female IF output connector, DRO, A Model)*

Model	Input freq (GHz)	Output freq (MHz)	LO Stability (Over temperature)
A	10.7-11.8	950-2050	9.75GHz ± 500kHz
B	10.95-11.7	950-1700	10.0GHz ± 500kHz
C	10.71-12.01	1032-1332	10.678GHz ± 500kHz
D	11.7-12.2	950-1450	10.75GHz ± 500kHz
E	11.7-12.75	950-2000	10.75GHz ± 500kHz
F	12.25-12.75	1050-1550	11.2GHz ± 500kHz
G	12.2-12.7	950-1450	11.25GHz ± 500kHz
H	12.25-12.75	950-1450	11.3GHz ± 500kHz

Power Supply
12 to 24 Volt DC



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LNB, Ku Band

WR75 to N(f)-5dBm-(12-24)Volts, DRO

Specifications			Units
Noise Figure (@+25ºC)		0.9	dB max
Input VSWR		2.5:1	max
Image Rejection		45	dBc Min
Conversion gain		60	dB Typ
Output VSWR		2.5:1	max
Gain Flatness		4	dBp-p max
Gain ripple (@per27MHz)		±0.75	dB max
1dB gain compression point		+5	dBm min.
Output Impedance		75	Ω(ohms)
Leakage (@ input port)		-45	dB max
Phase noise	1kHz	-65dBc/Hz	dBc/Hz
	10kHz	-80dBc/Hz	
	100kHz	-95dBc/Hz	
Power Supply		+12 to +24	Vdc
Current Require		150	mA Max
Operating temperature		-30~+60	ºC
Storage temperature		-40~+80	
Humidity		0% to 95%	
Input Wave flange		WR75	
IF Output Connector		N female	
Weight		190	gram

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