



Norsat
International Inc.

Innovative Communication Solutions

MINI BUC

KU-BAND 2W 3W

ELMTBKU

SPECIFICATIONS



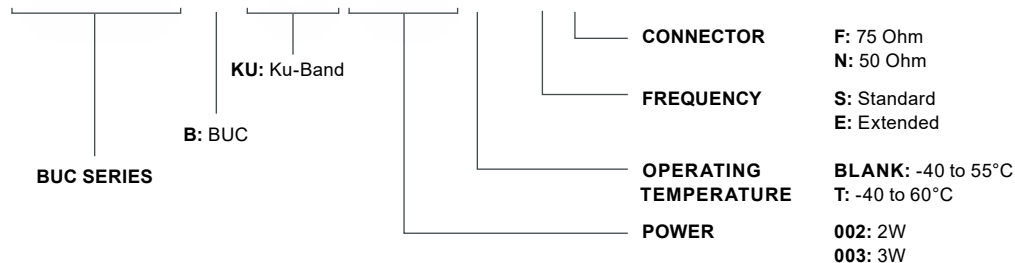
	ELMTBKU002	ELMTBKU003		ELMTBKU002	ELMTBKU003
Output Power (P1dB)	33 dBm min.	34 dBm min.	Input Voltage	+15V to +24V DC via IFL	
Output Power (Psat)	33.5 dBm min.	34.5 dBm min.	Power Consumption	18W max.	20W max.
Phase Noise (SSB) max.	-60 dBc/Hz at 100 Hz -70 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -90 dBc/Hz at 100 kHz		Maximum Current @15 VDC	1.2A	1.3A
Linear Gain	55 dB typ., 50 dB min., 60 dB max.		Input (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)	
Gain Flatness:	Over Full Band	≤ 4.0 dB p-p	Output (waterproof)	WR-75G waveguide grooved	
	Over Any 54 MHz	≤ 1.5 dB p-p	Dimensions (L x W x H)	128.4 mm x 95.1 mm x 58.3 mm (5.05 in x 3.74 in x 2.29 in)	
	Over Temperature	≤ 4.0 dB p-p	Weight	700 g (1.54 lb)	
Output Spurious:	In-Band	≤ -60 dBc	Operating Temperature	-40 to +55°C & -40 to +60 °C	
	Out-of-Band	≤ -50 dBc	Storage Temperature	-40 to +80°C	
Input VSWR	2.0 : 1 max.		Humidity	0-100% condensing	
Output VSWR	2.0 : 1 max.		External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm	
			Enclosed Accessories	Screws, Gasket	

FREQUENCY BANDS

	S: Standard	E: Extended
Transmit Frequency (GHz)	14.0 - 14.5	13.75 - 14.5
L.O. Frequency (GHz)	13.05	12.80
IF Frequency (MHz)	950 - 1450	950 - 1700

HOW TO ORDER

ELMTBKU002T-EF



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www.norsat.com

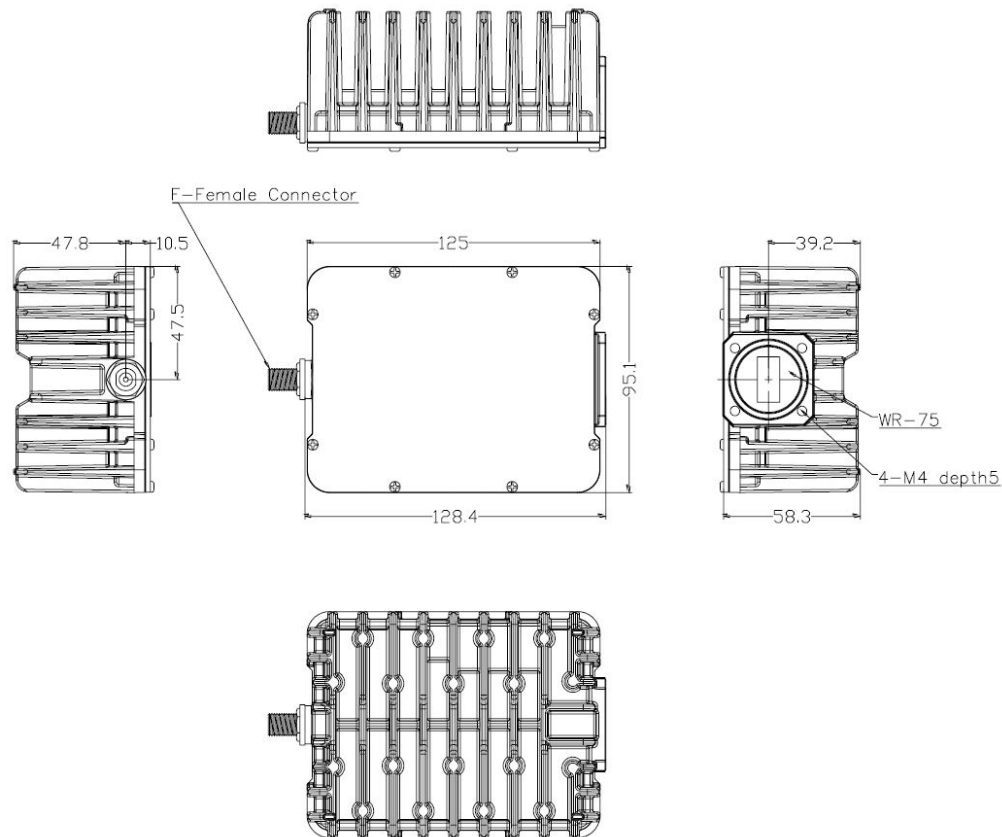


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KU-BAND 2W 3W BUC: ELMTBKU

MECHANICAL DIAGRAM



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