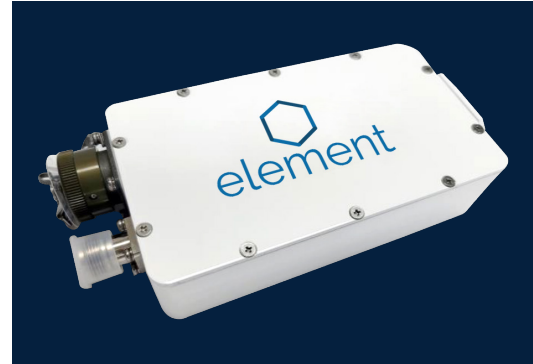




Norsat
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Innovative Communication Solutions

BUC GaN KU-BAND 8W 16W ELMTBKUG



SPECIFICATIONS

	ELMTBKUG008	ELMTBKUG016		ELMTBKUG008	ELMTBKUG016
Output Power (dBm)	39 dBm min.	42 dBm min.	Input Voltage	+18V to +60V DC	
Output Power (Psat)	37 dBm min.	40 dBm min.	Power Consumption	45W max.	70W max.
Phase Noise (SSB) max.	-65 dBc/Hz at 100 Hz -75 dBc/Hz at 1 kHz -85 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz		Input (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)	
Linear Gain	65 dB typ.	68 dB typ.	Output (waterproof)	WR-75G waveguide grooved	
Gain Flatness:	Over Full Band Over 54 MHz Over Temperature	≤ 4.0 dB p-p ≤ 1.5 dB p-p ≤ 4.0 dB p-p	M&C Function (Optional)	RS-485, RS-232, or Ethernet (SNMP)	
Output Spurious:	In-Band Out-of-Band	≤ -60 dBc ≤ -50 dBc	Dimensions (L x W x H)	143 mm x 80 mm x 38 mm (5.63 in x 3.15 in x 1.50 in)	
Input VSWR	2.0 : 1 max.		Weight	750 g	
Output VSWR	2.0 : 1 max.		Operating Temperature	-40 to +55°C	
			Storage Temperature	-40 to +80°C	
			Humidity	Up to 100% / IP67	
			External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm	
			Enclosed Accessories	Screws, Gasket	

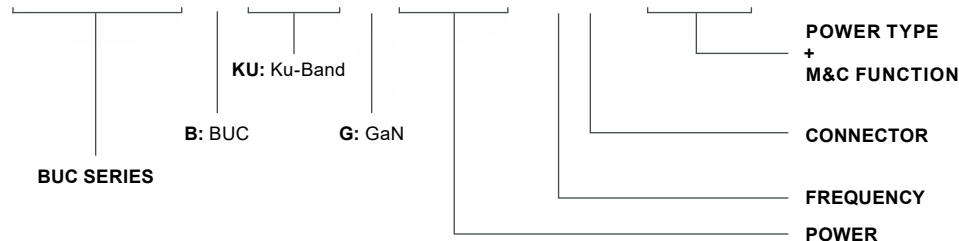
FREQUENCY BANDS

E: Extended

Transmit Frequency (GHz)	13.75 - 14.5
L.O. Frequency (GHz)	12.80
IF Frequency (MHz)	950 - 1700

HOW TO ORDER

ELMTBKUG008-EF-IFL



BLANK: via MS Connector, no M&C Function
E: via MS Connector with Ethernet
M: via MS Connector with RS-232 & RS-485
IFL: via IFL, no M&C Function

F: 75 Ohm
N: 50 Ohm
E: Extended
008: 8W
016: 16W

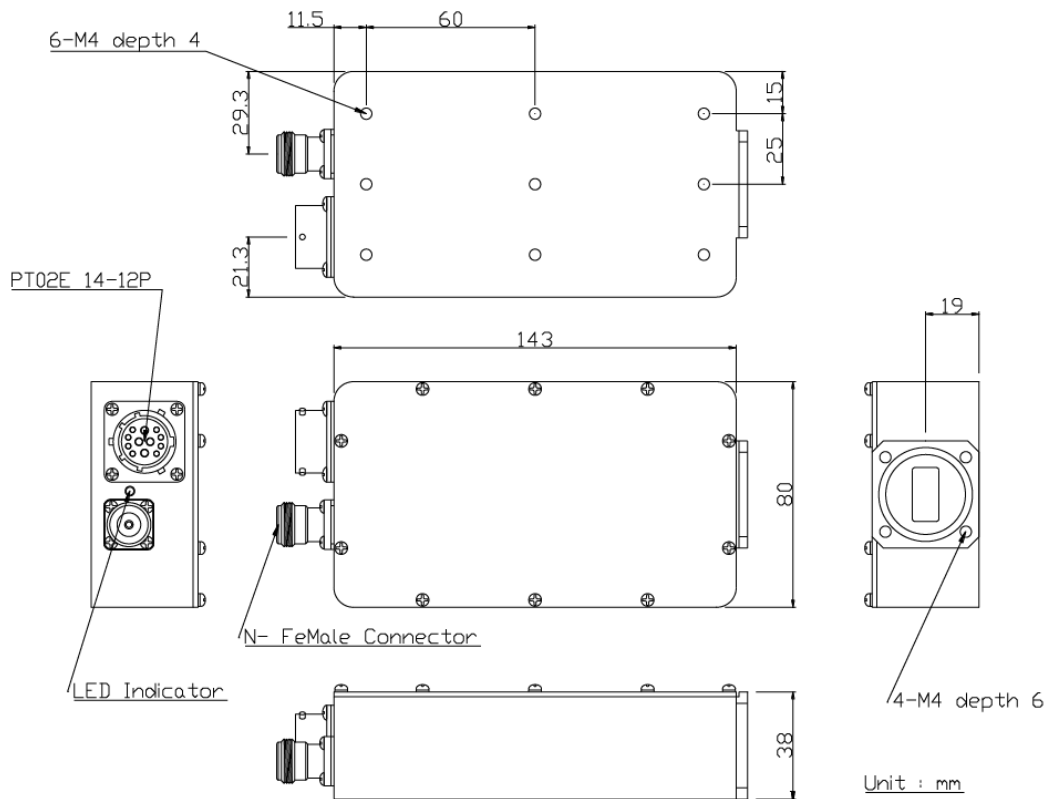


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KU-BAND 8W 16W BUC: ELMTBKUG

MECHANICAL DIAGRAM



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