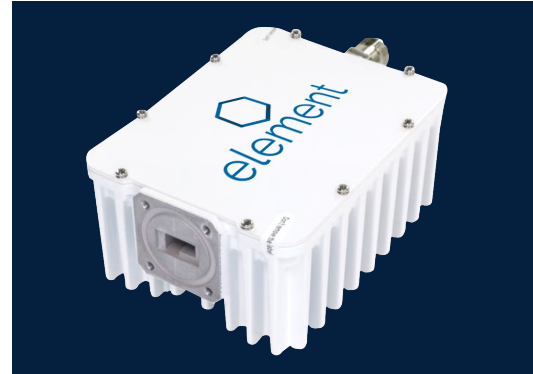




MINI BUC

KU-BAND 4W

ELMTBKU004



SPECIFICATIONS

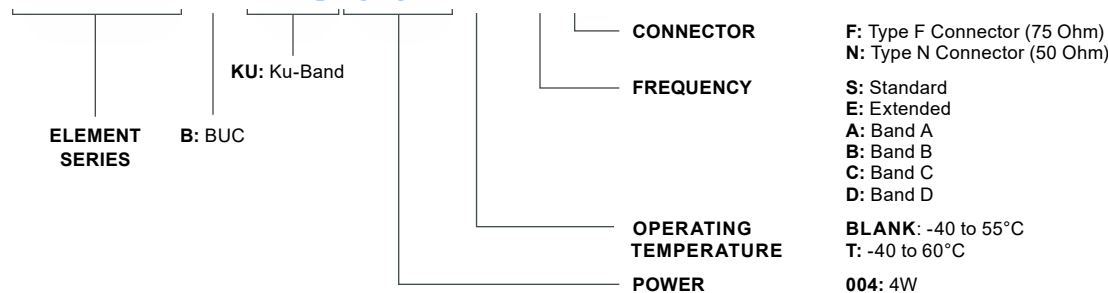
Output Power (P1dB)	36 dBm min.	Input Voltage	+15V to +24V DC via IFL
Output Power (Psat)	36.5 dBm min.	Power Consumption	35W max.
Phase Noise (SSB) max.	-60 dBc/Hz at 100 Hz -70 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -90 dBc/Hz at 100 kHz	Maximum Current @ +15 VDC	2.3A
Linear Gain	58 dB typ., 53 dB min., 63 dB max.	Input (waterproof)	Type F Connector (75 Ohm) Type N Connector (50 Ohm)
Gain Flatness:	Over Full Band ≤ 4.0 dB p-p max. Over Any 36 MHz ≤ 1.5 dB p-p max. Over Temperature ≤ 4.0 dB p-p max.	Output (waterproof)	WR-75G waveguide grooved
Output Spurious:	In-Band ≤ -60 dBc Out-of-Band ≤ -50 dBc	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)
Input VSWR	2.0 : 1 max.	Weight	700 g (1.54 lb)
Output VSWR	2.0 : 1 max.	Operating Temperature	-40 to +55°C -40 to +60°C
		Storage Temperature	-50 to +80°C
		Humidity	0-100% condensing
		External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm
		Enclosed Accessories	Screws, Gasket

FREQUENCY BANDS

	S: Standard	E: Extended	A: Band A	B: Band B	C: Band C	D: Band D
Transmit Frequency (GHz)	14.0 - 14.5	13.75 - 14.5	12.75 - 13.25	13.00 - 13.25	13.75 - 14.25	14.50 - 14.80
L.O. Frequency (GHz)	13.05	12.80	11.80	12.05	12.80	13.55
IF Frequency (MHz)	950 - 1450	950 - 1700	950 - 1450	950 - 1200	950 - 1450	950 - 1250

HOW TO ORDER

ELMTBKU004T-EF





KU-BAND 4W BUC: ELMTBKU004

MECHANICAL DIAGRAM

