



MINI BUC

KU-BAND 8 W

ELMTBKU

ELEMENT SERIES

SPECIFICATIONS



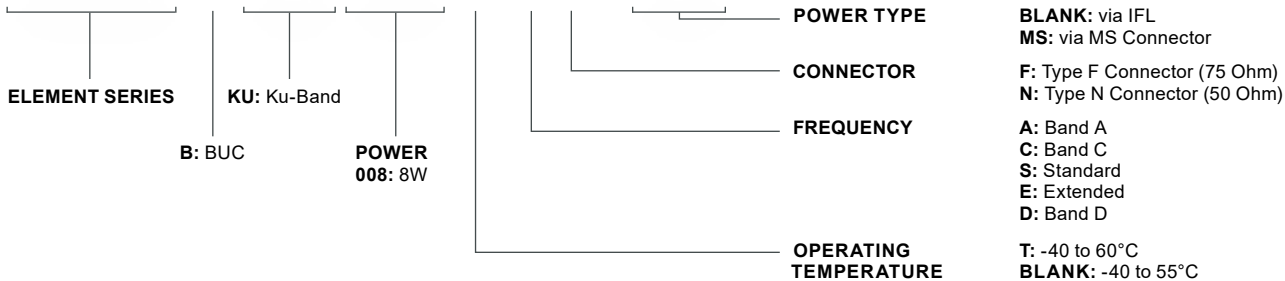
Output Power (P1dB)	39 dBm min.	Input Voltage	+18V to +60V DC
Output Power (Psat)	39.5 dBm min.	Power Consumption	75W max.
Phase Noise (SSB) max.	-60 dBc/Hz at 100Hz -70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz	Input (waterproof)	Type F Connector (75 Ohm) Type N Connector (50 Ohm)
Linear Gain	65 dB typ., 60 dB min., 70 dB max.	Output (waterproof)	WR-75 waveguide grooved
Gain Flatness:	Over Full Band ≤ 4.0 dB p-p Over Any 40 MHz ≤ 1.5 dB p-p Over Temperature ≤ 4.0 dB p-p	Dimensions (L x W x H)	175.9 mm x 169 mm x 101 mm
Output Spurious:	In-Band ≤ -60 dBc Out-of-Band ≤ -50 dBc	Weight	2.7 kg (5.95 lb)
Input VSWR	2.0 : 1 max.	Operating Temperature	-40 to +55°C -40 to +60°C
Output VSWR	2.0 : 1 max.	Humidity	0-100% condensing
		External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm
		Enclosed Accessories	Screws, Gasket

FREQUENCY BANDS

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

HOW TO ORDER

ELMTBKU008T-EF-MS





KU-BAND 8W: ELMTBKU

MECHANICAL DIAGRAM

