



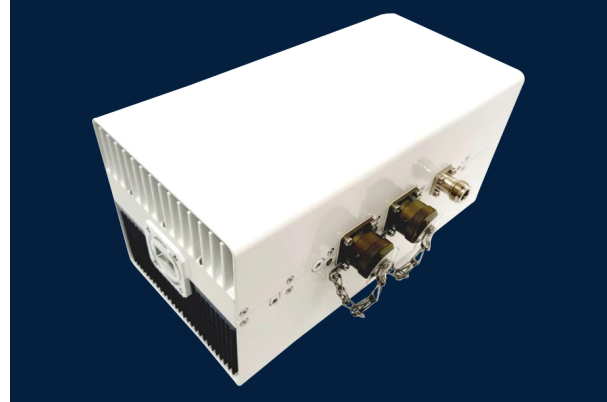
MINI BUC

KU-BAND 40W

ELMTBKU

ELEMENT SERIES

SPECIFICATIONS



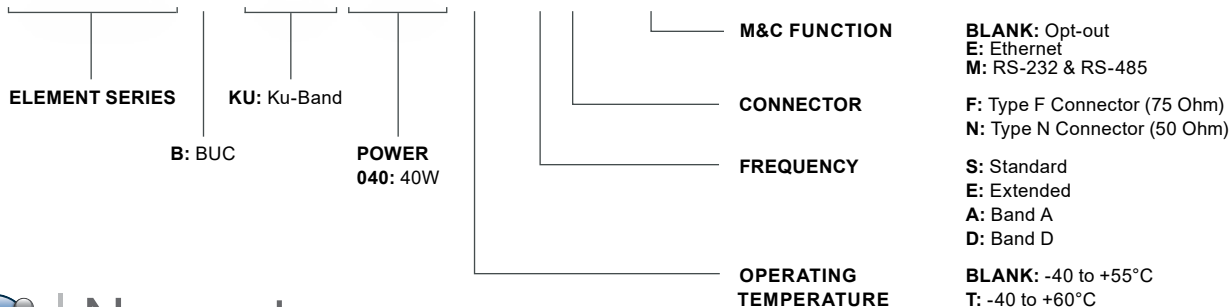
Output Power (P1dB)	46 dBm min.	Input Voltage	+36V to + 60V DC via MS Connector
Output Power (Psat)	46.5 dBm min.	Power Consumption	390W max.
Phase Noise (SSB) typ.	-65 dBc/Hz at 100Hz -75 dBc/Hz at 1kHz -85 dBc/Hz at 10kHz -95 dBc/Hz at 100kHz	Input (waterproof)	Type F Connector (75 Ohm) Type N Connector (50 Ohm)
Linear Gain	72 dB typ., 67 dB min., 77 dB max.	Output (waterproof)	WR-75 waveguide grooved
Gain Flatness:		Dimensions (L x W x H)	245 mm x 125 mm x 125 mm (9.65 in x 4.92 in x 4.92 in)
Over Full Band	≤ 4.0 dB p-p	Weight	4.0 kg (8.82 lb)
Over Any 40 MHz	≤ 1.5 dB p-p	Operating Temperature	-40 to +55°C -40 to +60°C
Over Temperature	≤ 4.0 dB p-p	Storage Temperature	-40 to +75°C
Output Spurious:		Humidity	0-100% condensing
In-Band	≤ -60 dBc	External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm
Out-of-Band	≤ -50 dBc	Enclosed Accessories	Screws, Gasket
Input VSWR	2.0 : 1 max.		
Output VSWR	2.0 : 1 max.		

FREQUENCY BANDS

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

HOW TO ORDER

ELMTBKU040T-EF-E





KU-BAND 40W: ELMTBKU

MECHANICAL DIAGRAM

