

#### **Innovative Communication Solutions**

# ELMTBKU040H-SN-

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## **ELEMENT 40W Ku-Band MINIBUC**

Input Frequency: 14.00 - 14.50 GHz Input Connector: N-Connector M&C Function: RS-232 & amp; RS-485



# **KEY SPECIFICATIONS**

Band	Ku-Band
External Ref Freq	10 MHz, -5 to +5 dBm
Input Frequency Band 1	950 - 1450 MHz
LO Frequency 1	13.05 GHz
Output Frequency Band 1	14.00 - 14.50 GHz
Output Power Rated	40W
Reference Type	Internal Reference

#### **RF SPECIFICATIONS**

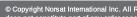
Gain Flatness (over 54mhz)	1.5 dB
Gain Flatness (over Full Band)	4 dB
Gain Flatness (over Temperature)	4 dB
Input VSWR	2 : 1 max.
Linear Gain	72 dB typ.
Output P1db	+46 dBm min. over temperature
Output Spurious In Band	-60 dBc
Output Spurious Out Of Band	-50 dBc
Output VSWR	2 : 1 max.
Phase Noise 100khz Offset Max	-95 dBc/Hz
Phase Noise 10khz Offset Max	-85 dBc/Hz
Phase Noise 1khz Offset Max	-75 dBc/Hz

## **ELECTRICAL SPECIFICATIONS**

**Current Consumption** 

390W max.



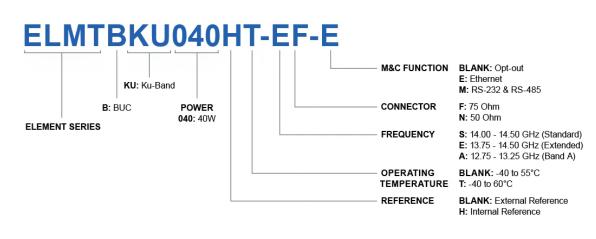


Norsat International Inc.



			Innovative Cor	mmunication Solutions		
Power Requirements			+36 to +60V DC			
INTERFACE	SPECIFICATION	S				
Frequency Sense			Non-inverted			
IF Connector			N-Connector			
ENVIRONMENTAL SPECIFICATIONS						
Humidity		Up to 100%				
IP Rating			IP 55			
Temperature Operational		-40 to +55°C				
PHYSICAL SPECIFICATIONS						
Internal Function		Lock detector shuts off Tx in case of LO unlocked				
Product Dimensions (LxWxH) Product Weight		245 x 125 x 125 mm				
		4 kg				
LOGISTICS SPECIFICATIONS						
HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package		
8543700000	Made in Korea	Korea	EAR99	290 x 270 x 250 mm		

# HOW TO ORDER



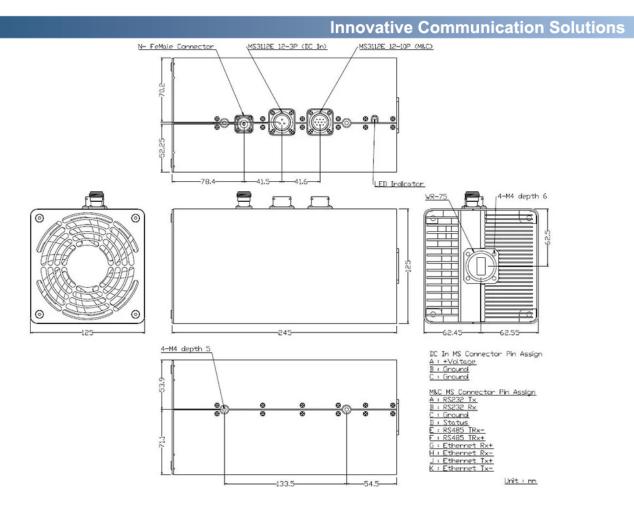
### **MECHANICAL DIAGRAMS**



CE

4.5 kg







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