

#### **Innovative Communication Solutions**

# ELMTBKU040H-AN ELEMENT 40W Ku-Band MINIBUC

Input Frequency: 12.75 - 13.25 GHz Input Connector: N-Connector M&C Function: No M&C Function



## **KEY SPECIFICATIONS**

Band	Ku-Band
External Ref Freq	10 MHz, -5 to +5 dBm
Input Frequency Band 1	950 - 1450 MHz
LO Frequency 1	11.80 GHz
Output Frequency Band 1	12.75 - 13.25 GHz
Output Power Rated	40W
Reference Type	Internal Reference

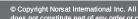
### **RF SPECIFICATIONS**

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.

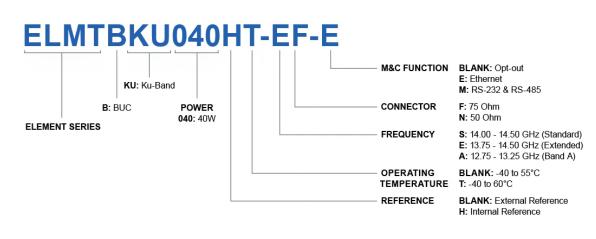


Norsat International Inc.



			Innovative Cor	mmunication Solutions		
Power Requirements			+36 to +60V DC			
INTERFACE SPECIFICATIONS						
Frequency Sense			Non-inverted			
IF Connector			N-Connector			
ENVIRONMENTAL SPECIFICATIONS						
Humidity	umidity Up to 100%					
IP Rating			IP 55			
Temperature Operati	e Operational -40 to +55°C					
PHYSICAL SPECIFICATIONS						
Internal Function			Lock detector shuts off Tx in case of LO unlocked			
Product Dimensions (LxWxH)			245 x 125 x 125 mm			
Product Weight		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



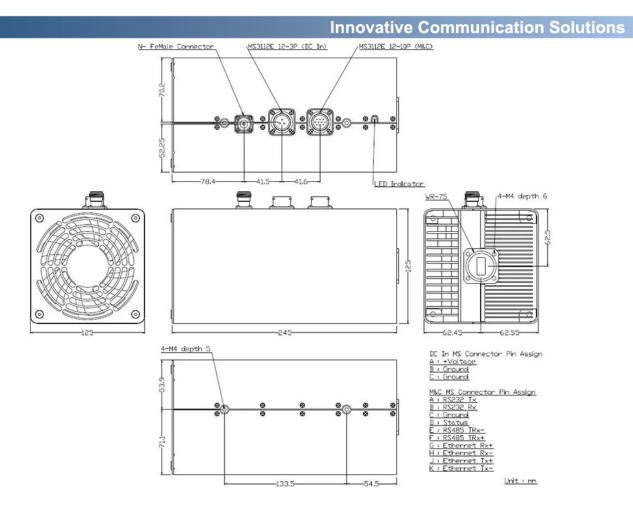
## **MECHANICAL DIAGRAMS**



CE

4.5 kg







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