

## **Innovative Communication Solutions**

# ELMTBC080H-SN-A ELEMENT 80W C-Band BUC

Input Frequency: 5.850 - 6.425 GHz Input Connector: N-Connector Input Voltage + M&C 85-265 VAC + No M&C Function: Function



# **KEY SPECIFICATIONS**

Band	C-Band
External Ref Freq	10 MHz, -5 to +5 dBm
Input Frequency Band 1	950 - 1525 MHz
LO Frequency 1	4.9 GHz
Output Frequency Band 1	5.850 - 6.425 GHz
Output Power Rated	80W
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	80 dB typ.
Output P1db	+49 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



CE



**ELECTRICAL SPECIFICATIONS** 

#### Innovative Communication Solutions

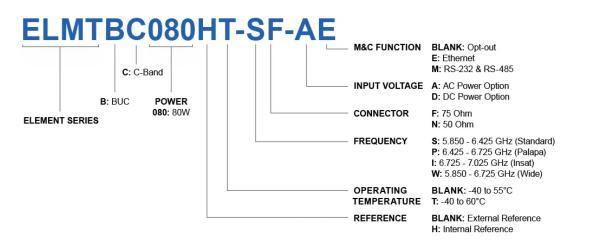
Current Consumption	650W max. +85 to +265V AC			
Dever Deguiremente	+85 to +265V AC			
Power Requirements				
INTERFACE SPECIFICATIONS				
Frequency Sense	Non-inverted			
IF Connector	N-Connector			
ENVIRONMENTAL SPECIFICATIONS				
Humidity	Up to 100%			
IP Rating	IP 54			
Temperature Operational	-40 to +55°C			
Temperature Storage	-40 to +75°C			
PHYSICAL SPECIFICATIONS				

Internal Function	Lock detector shuts off Tx in case of LO unlocked	
Product Dimensions (LxWxH)	235 x 190 x 145 mm	
Product Weight	8.5 kg	

## LOGISTICS SPECIFICATIONS

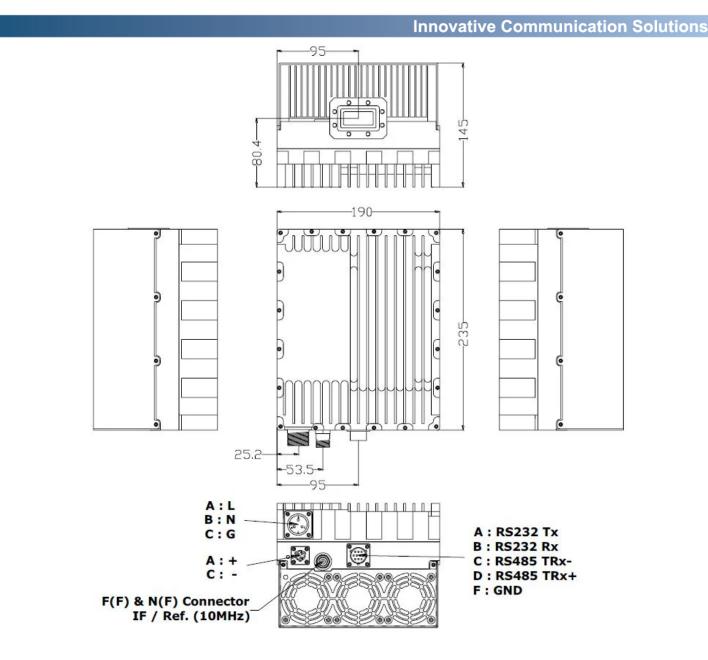
HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8543700000	Made in Korea	Korea	EAR99	290 x 270 x 250 mm   8.5 kg

# HOW TO ORDER



# **MECHANICAL DIAGRAMS**







Esatcom Inc Norsat authorized distributor www.esatcom.com Tel 718.276.0800 Email sales@esatcom.com