

Innovative Communication Solutions

ELMTBC080H-WN-A ELEMENT 80W C-Band BUC

Input Frequency: 5.850 - 6.725 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 - 1825 MHz
LO Frequency 1	4.9 GHz
Output Frequency Band 1	5.850 - 6.725 GHz
Output Power Rated	80W
Reference Type	Internal Reference

RF SPECIFICATIONS

Gain Flatness (over 54mhz)	1.5 dB	
Gain Flatness (over Full Band)	5 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	-55 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

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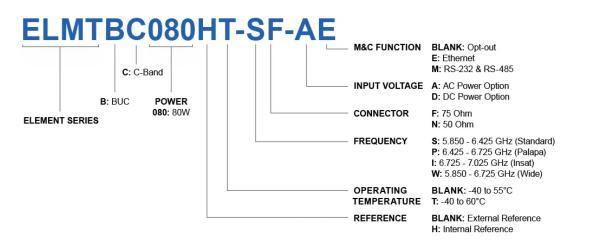
Current Consumption	650W max. +85 to +265V AC			
Dever Deguiremente	+85 to +265V AC			
Power Requirements				
INTERFACE SPECIFICATIONS				
Frequency Sense	Non-inverted			
IF Connector	N-Connector			
ENVIRONMENTAL SPECIFICATIONS				
Humidity	Up to 100%			
IP Rating	IP 54			
Temperature Operational	-40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

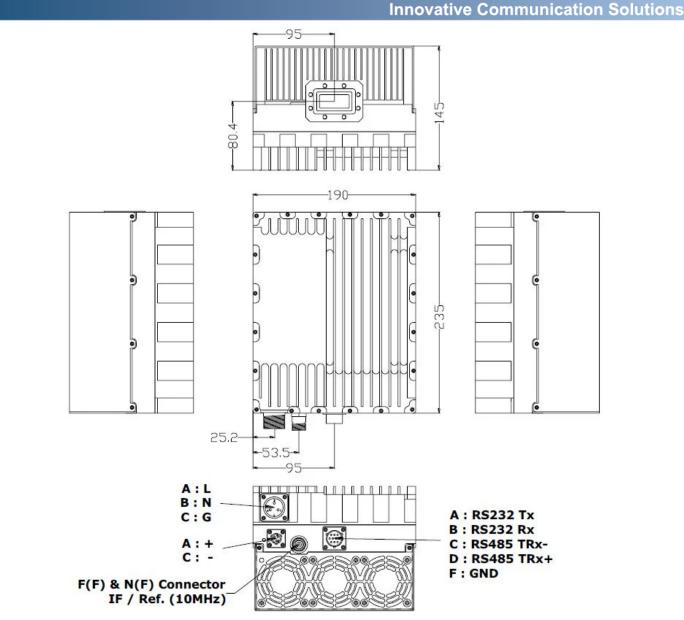
HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8543700000	Made in Korea	Korea	EAR99	290 x 270 x 250 mm 8.5 kg

HOW TO ORDER



MECHANICAL DIAGRAMS







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