

ELMTBC050HT-IN-

ELEMENT 50W C-Band BUC (High Temperature Range)

Input Frequency: I: 6.725 - 7.025 GHz Input Connector: N-Connector

Input Voltage + M&C Function: 85-265 VAC + Ethernet



KEY SPECIFICATIONS

Band C-Band

External Ref Freq 10 MHz, -5 to +5 dBm

Input Frequency Band 1 975 - 1275 MHz

LO Frequency 1 5.75 GHz

Output Frequency Band 1 6.725 - 7.025 GHz

Output Power Rated 50W

Reference Type Internal Reference

RF SPECIFICATIONS

Phase Noise 1khz Offset Max

Gain Flatness (over 54mhz) 1.5 dB

Gain Flatness (over Full Band) 4 dB 4 dB

Gain Flatness (over Temperature)

Input VSWR 2:1 max. Linear Gain 73 dB typ.

Output P1db +47 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



-75 dBc/Hz



ELECTRICAL SPECIFICATIONS

 Current Consumption
 310WAC max.

 Power Requirements
 +85 to +265V AC

INTERFACE SPECIFICATIONS

Frequency Sense Non-inverted

IF Connector N-Connector

ENVIRONMENTAL SPECIFICATIONS

HumidityUp to 100%IP RatingIP 54Temperature Operational-40 to +60 °C

PHYSICAL SPECIFICATIONS

Internal Function Lock detector shuts off Tx in case of LO unlocked

Product Dimensions (LxWxH) 220 x 195 x 183 mm

Product Weight 7.0 kg

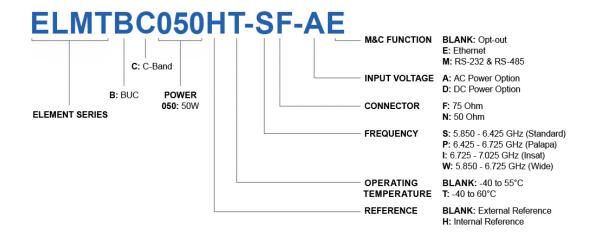
LOGISTICS SPECIFICATIONS

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

-40 to +75°C

HOW TO ORDER

Temperature Storage



MECHANICAL DIAGRAMS







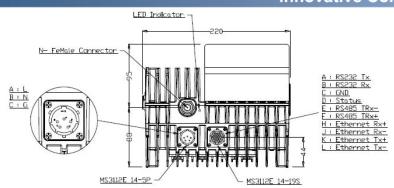


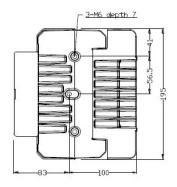




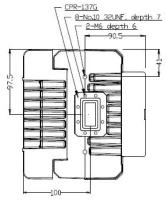


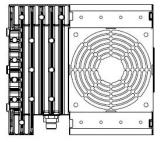












Unit | mm



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