

Innovative Communication Solutions

ELMTBKU050HT-AF-

ELEMENT 50W Ku-Band MINIBUC (High Temperature Range)

Input Frequency: 12.75 - 13.25 GHz

Connector: F-Connector

M&C Function: RS-232 & amp; RS-485



KEY SPECIFICATIONS

Ku-Band Band

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

950 - 1450 MHz Input Frequency Band 1

12.75 - 13.25 GHz **Output Frequency Band 1**

Output Power Rated 50W

Internal Reference Reference Type

RF SPECIFICATIONS

Gain Flatness (over 54mhz) 1.5 dB 4 dB Gain Flatness (over Full Band) Gain Flatness (over Temperature) 4 dB

Input VSWR 2:1 max. Linear Gain 72 dB typ. Output P1db

+47 dBm typ.

-75 dBc/Hz

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

ELECTRICAL SPECIFICATIONS

Current Consumption 390W max. **Power Requirements** +36 to +60V DC





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INTERFACE SPECIFICATIONS

Frequency Sense Non-inverted

RF Input Connector F-Connector

ENVIRONMENTAL SPECIFICATIONS

HumidityUp to 100%IP RatingIP 55Temperature Operational-40 to $+60^{\circ}$ C

PHYSICAL SPECIFICATIONS

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

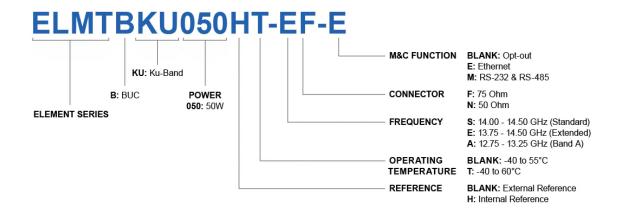
Product Dimensions (LxWxH) 245 x 125 x 125 mm

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 4.5 kg

HOW TO ORDER



MECHANICAL DIAGRAMS





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