



## KIRINTEC

# KORE EMA SERIES

### MISSION PROVEN

Kirintec understand the challenges of conflict in the Information Age, and we have produced innovative solutions using Key User Requirements drawn across our customer base.

Kirintec KORE Extended High Band EMA provides users with the ability to combine multiple functions and capabilities into one CEMA system which can evolve and adapt to meet emerging threats.

### KIRINTEC HIGH FREQUENCY MODULES / RADIOHEAD DEVICE

The Kirintec KORE Extended High Band EMA is a self-contained MORA (Modular Open RF Architecture) compliant Digital EMA Device. The system is provided with an OpenCPI Board Support Package which allows stand-alone, high-speed, low-latency Tx/Rx RF applications to be deployed directly on the device.

The vehicle / static mounted Kirintec KORE Extended High Band EMA allows users to conduct cyber and electromagnetic activities anywhere in the ElectroMagnetic Environment (EME) between – High Frequency and Super High Frequency (initially 20 MHz to 8 GHz).

### Key Features

- RF Frequency Translation; up-conversion and down-conversion 20 MHz – 8 GHz
- 1 GbE supporting Zero Configuration Networking (Zeroconf), DDS and MORA web-services.
- Transmit and Receive functionality across 20 MHz – 8 GHz
- Transmit and Receive RF Conditioning
- Flexible antenna mounting



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KIRINTEC KORE EMA

02

UNDERSTAND | INNOVATE | PROTECT

## Colour Options



Anthracite Grey



Black



Green



Sand



System characteristics	Low Band KORE EMA	Mid Band KORE EMA	High Band KORE EMA	Extended High Band KORE EMA
Frequency range	20 MHz-520MHz	400 MHz - 2.7 GHz	2-6 GHz	2 – 8 GHz
Part Number	KT-950-0607-00	KT-950-0608-00	KT-950-0609-00	KT-950-0588-00
Dimensions (mm)	Circa 345 x 191 x 173	Circa 345 x 191 x 173	Circa 345 x 191 x 173	345 x 191 x 173
Weight	Circa 6 Kg	Circa 6 Kg	Circa 6 Kg	6Kg
Shipping Dimensions (mm)	Circa 350 x 197 x 180	Circa 350 x 197 x 180	Circa 350 x 197 x 180	350 x 197 x 180
RF power	100 w	100 w	50 w	15 w
Voltage in	+20-32 Vdc MIL-STD 1275	+20-32 Vdc MIL-STD 1275	+20-32 Vdc MIL-STD 1275	+20-32 Vdc MIL-STD 1275
Operating temperature range as standard	-40°C - +55°C	-40°C - +55°C	-40°C - +55°C	-40°C - +55°C
Programmable	✓	✓	✓	✓
Built-in self test	✓	✓	✓	✓
Anti-Tamper	✓	✓	✓	✓
Zeroize	✓	✓	✓	✓

For more product information scan this code:

