



# MERCURY BLADE

## The best keeps getting better!

BLADE is the most sophisticated flexible and powerful vehicle platform for jamming systems.

BLADE is fully programmable with each modular BLADE providing focused jamming capability to a specific region of the RF spectrum. With up to 450 Watts of power at your fingertips and one of the fastest DDS jamming engines available in the world BLADE will give you the capability you demand.

Mercury BLADE modules are available in the following frequency bands all of which are fully programmable across the entire frequency range with no gaps:

### Frequency Range

- Low Band – 20 MHz to 520 MHz
- Mid Band – 500 MHz to 2.7 GHz
- High Band – 2.4 GHz to 6 GHz

## Contents

Mercury BLADE vehicle mounted radio frequency inhibition system 20 MHz to 6 GHz.

### Comprises of the following:

- 1 x Mercury BLADE (ECM) system with integration package:
  - 1 x Remote control
  - 5 x Omni antenna
  - 1 x Cable set & fittings
  - 1 x Shock mount tray & fittings
- 1 x Ruggedised Tablet
- 1 x Operator and User Manual
- 1 x Data cable

Please ask about support options available.



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**MERCURY BLADE**  
 KT-950-0259-01

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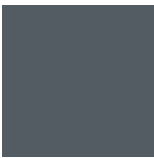
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## Specifications

- **Dimensions**  
 519mm x 435mm x 248mm\*  
 (20in x 17in x 9in)  
 \*Excluding Anti Vibration Tray (50mm)
- **Weight**  
 41kg (90lb)
- **Shipping dimensions**  
 700mm x 700mm x 410mm  
 (27in x 27in x 16in)

These figures are based on a BLADE with:  
 1 x Low Band Module, 3 x Mid Band Module,  
 1 x High Band Module and  
 Anti Vibration Tray.

## Colour Options



Anthracite Grey



Black



Green



Sand

For more product information  
 scan this code:



Mercury system characteristics	BLADE ECM
Frequency range	20 MHz – 6 GHz
RF power	Up to 450W
Voltage in	20–35V
Integrated communications	Optional
Encrypted communications	Optional
Operating temperature range as standard	-20°C to +55°C
Mil-Std-810G	✓
Programmable	✓
Built-in self test	✓
Anti-Tamper	✓
Zeroize	✓
Remote control unit	✓
Weight (main unit only)	From 41kg depending on options
Vehicle shock-mount tray	Included
Antenna set	Omni
Vehicle integration kit	✓
Programming files and transfer device	✓
NSN 5865-99-580-4413	Exists for LMMM BLADE

## Mercury BLADE

### Description

BLADE high power vehicle ECM (Please contact us for advice on configuration to meet your frequency requirements) includes vehicle mounted antenna set.

Please ask about incorporating Communications Through Inhibition (CTI)

