



MERCURY BLADE 5

The best keeps getting better!

BLADE 5 is the most sophisticated flexible and powerful vehicle platform for jamming systems.

BLADE 5 is fully programmable with each modular BLADE providing focused jamming capability to a specific region of the RF spectrum. With up to 400 Watts of power at your fingertips and one of the fastest DDS jamming engines available in the world BLADE 5 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 - 20MHz to 520MHz
- Mid Band - 500MHz to 2.7GHz
- High Band - 2.4GHz to 6GHz

Contents

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

Comprises of the following:

- 1 x Mercury BLADE 5 (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 Laptop
- 1 x Operator and User Manual
- 1 x Data cable

Please ask about support options available.

Specifications

- Dimensions
500mm x 420mm x 250mm*
(19in x 16in x 9in)
- *Excluding Anti Vibration Tray (50mm)
- Weight
46.5kg (102lb)
- Shipping dimensions
700mm x 700mm x 410mm
(27in x 27in x 16in)
- Shipping weight
60kg (132lb)

These figures are based on a BLADE 5 with: 1 x Low Band Module, 3 x Mid Band Module, 1 x High Band Module and Anti Vibration Tray.

Colour Options

- Athracite Grey
- Black
- Green
- Sand



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Mercury BLADE 5

Understanding the threat,
 ADVANCING the response.

Mercury system characteristics	BLADE 5 ECM
Frequency range	20MHz - 6GHz
RF Power output - user controlled depending on configuration	Up to 500W
Voltage in	20-35V
Integrated communications	Optional
Encrypted communications	Optional
Operating temperature range as standard	-20°C to +60°C
IP 65 environmental protection	Yes
Programmable	Yes
Built-in self test	Yes
Anti-Tamper	Yes
Zeroize	Yes
Remote control unit	Yes
Weight (main unit only)	from 42.7kg depending on options
Vehicle shock-mount tray	Included
Antenna set	Omni
Vehicle integration kit	Yes
Programming files and transfer device	Yes
NSN 5865-99-580-4413	Exists for LMMM H BLADE 5

Mercury BLADE 5

Part No	Description
KT-950-XXX- XX	BLADE high power vehicle ECM (Please contact us for advice on a configuration to meet your frequency requirements) includes vehicle mounted antenna set. Please ask about incorporating Communications Through Inhibition (CTI)