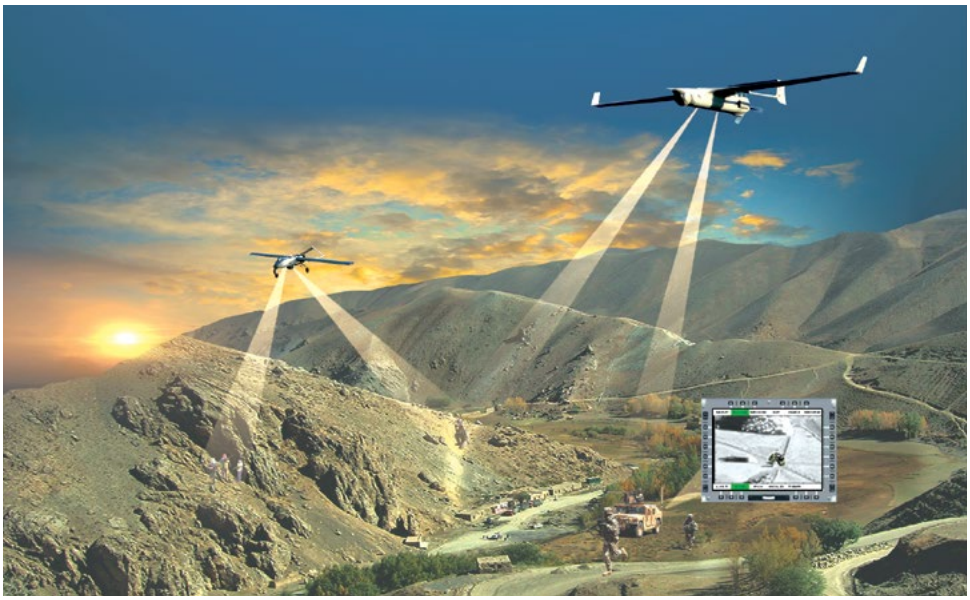

Features and Benefits

- **Low power requirement and small size and weight footprint for installation flexibility**
- **Compatible with short-range tactical UAVs and larger manned and unmanned vehicles**
- **Multi-band reception and transmission (L/S/C): Enables operation anywhere in the world**
- **AES encryption: Facilitates flexible, tested secure communications**
- **Integrated 2-watt power amplifier: Simplifies integration and further reduces terminal footprint**
- **Transmit and receive data rates up to 45 Mbps: Provides high-capacity IP channels for voice, data and video**

Exportable Nano Multiband Transceiver (E-nMT)

Secure Common Data Link Intelligence, Surveillance and Reconnaissance
The E-nMT is the latest evolution of Cubic's miniaturized software-defined radios with AES encryption. For more than two decades, Cubic has designed, manufactured, integrated and deployed transceivers for the DoD-mandated ISR Common Data Link (CDL) which is used universally by tactical and strategic airborne, terrestrial and maritime vehicles.

Cubic's Exportable Nano Multiband Transceiver (E-nMT) radio provides front line tactical ISR communications that are crucial for air, ground and maritime forces during combat.

The E-nMT is an environmentally rugged and compact data link system that enables Group 2-3 Unmanned Aircraft Systems (UAS) platforms to be compliant with the Department of Defense (DoD) Common Data Link Policy, while ensuring ISR and Command and Control (C2) data transmissions are secure and service interoperable.

The E-nMT is a multi-band transceiver specifically designed to address limited size, weight and power (SWaP) constraints of smaller ISR platforms. The transceiver supports L, S and C bands and includes the latest AES encryption technology.

Exportable Nano Multiband Transceiver (E-nMT)

Specifications

General Features
Low SWaP multi-band full duplex CDL radio
Ethernet Interface
Up to 45 Mbps

Encryption
Type-1

Waveforms and Data Rates (receive and transmit)
Standard CDL: 200 kbps to 45 Mbps
STANAG 7085 Implementation 1: 200 kbps to 45 Mbps
Other data rates and waveforms available

SWaP
5.05" x 2.25" x 0.6", 0.5 lbs, 18-25 Watts

Transmit Output Power
2W

Frequency Band of Operation	
C-band	4400 MHz – 4990 MHz
S-band	2025 MHz – 2500 MHz
L-band	1755 MHz – 1850 MHz
L-band	1350 MHz – 1390 MHz

Control Interface
SNMP

Environmental and EMI/EMC	
Operating Temperature	-37°F to +55°F
Altitude	20,000 feet operational
Environmental	Vibration and Shock Humidity, MIL-STD-810G MIL-STD-810G
EMI/EMC	MIL-STD-461F

Enabling Time Critical Missions

Cubic Mission and Performance Solutions
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