L3’s VORTEX®x is the next generation of compact, highly capable, multi-use transceivers. With simultaneous dual-band transmission, VORTEX®x dramatically increases situational awareness via increased levels of collaboration and interoperability. A VORTEX®x-to-VORTEX®x dual-band link provides high reliability through spatial and frequency redundancy.

**Key Features**

- Multi-band reception and transmission
- Two simultaneous transmit channels
  - Same or different bands
  - Common data source
  - Common baseband modulation
  - Two external transmit interfaces
- Web browser GUI control
- Provides control for two external transmitters
- Baseband modulation output for two transmitters
- Two simultaneous reception channels
  - Same or different bands
  - Diversity reception with two receive antennas
  - Single data source
  - Two external receive interfaces
- Front panel indicators include video activity, transmit-enabled, system status and reverse polarity
- Reverse polarity protection
VORTEX®x

Product Description

Designed for air, surface and maritime use, the VORTEX®x transceiver provides real-time full-motion video and high bandwidth throughput for situational awareness, VoIP, targeting, surveillance, data relay, wide area wireless networks, convoy overwatch and remote operations. VORTEX®x can transmit and receive digital data simultaneously. VORTEX®x can simultaneously transmit common data to multiple platforms using two different channels in one or two different bands. VORTEX®x is able to receive in two different channels in one or two different bands from a single source. This band and channel diversity provides link redundancy, better reception and resiliency to platform shading, multipath interference, line-of-sight blockages and RF interference.

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