T-LINK LOS-MG

GROUND TERMINAL
#MilitaryCommunication

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T-LINK GROUND TERMINAL

T-Link LOS-MG is the Ground Tactical Data Link Terminal designed to fulfill tactical communication needs in the operational field. T-Link Terminal Network System consists of 4 different types of terminals for airborne, ground, naval and missile platforms. T-Link LOS-MG, is designed to be integrated on land platforms, naval platforms and command control centers thus enabling tactical information exchange with the T-Link Terminal Network.

Technology

T-Link Terminal Network System including T-Link LOS-MG provides encrypted and electronic warfare resistant, network-based tactical data communication among network participants.

General Specifications

- Electronic warfare & detection resistant
- High speed frequency hopping
- Wireless network based & multiple participant support
- Long range communication based on omnidirectional antennas
- Encrypted communication with plug-in crypto unit
- Communication security support (COMSEC and TRANSEC)
- High speed tactical data transfer
- Supports multiple sub-networks within same territory without interference
- Relay capability
- Complying the message catalog that fulfills the tactical information exchange requirements of the joint operation
- Secure voice communication capability
- Free text message capability
- Flexible and improvable software defined radio architecture allows updates with respect to changing operational needs.

Technical Specifications

- Operating Frequency : L-Band
- RF Output Power (Peak) : 200 W
- Power Interface : 220 VAC, 115 VAC, 28 VDC
- Data Rate : 1 Mbps
- Operating Temperatures : - 40°C to +71°C
- Shock, Vibration, Humidity : MIL STD 810
- EMI/EMC : MIL STD 461
- Antenna Interface : 2 antenna, TX or RX in sync
- Digital Audio Capability : Yes