



TERMINAL NETWORK SYSTEM

#MilitaryCommunication



aselsan



TERMINAL NETWORK SYSTEM

T-Link LOS-C is the Small Size 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-C, is designed to be integrated on SWAP limited platforms such as unmanned platforms, helicopters, land vehicles etc. thus enabling tactical information exchange with the T-Link Terminal Network.

Technology

T-Link Terminal Network System including T-Link LOS-C 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 embedded crypto module
- 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
- 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)	: 90 W
Power Interface	: 28 VDC
Data Rate	: up to 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

Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.