STT LITE Kit (Link-16 Integrated Terminal Equipment Kit)



PART NUMBER
0021600

Compact, ruggedized, carry-on sized solution enabling warfighters to rapidly deploy stationary communications or networking-on-the-move for mobile platforms

The STT LITE Kit system provides real-time air and ground situational awareness and on-the-go networking functions. Optimized for size, weight, and power (SWaP)-constrained setups including, man-deployable, vehicle, rotary wing and maritime, the A1 Cables STT LITE Kit serves as a comprehensive communications solution. It supports both line-of-sight and beyond line-of-sight connectivity for air, land, and sea applications, whether on the move or stationary.

When paired with the L3Harris Small Tactical Terminal (STT/KOR-24A), the A1 Cables STT LITE Kit delivers rapid deployment of Link 16, TADIL-J, and VHF/UHF (including SINCGARS, SRW*, ANW2C*, SATCOM, IW, and DAMA) networking capabilities. This compact, ruggedized, carry-on sized solution is perfect for highly mobile or remote operations. By connecting to an external host computer, operators can customize applications and displays to meet their specific situational awareness requirements.

With its easily accessible connectors and built-in power supply, this portable system can be set up and operated by a single person within minutes, enabling rapid deployment of communications anywhere. Say goodbye to the logistical challenges and expenses of traditional gateway infrastructure—bulky, heavy, and slow to deploy. Instead, embrace a mission-ready solution that offers faster setup, a smaller footprint, and requires fewer personnel. Whether it is stationary communications for dismounted warfighters or networking-on-the-move for mobile platforms, this system ensures seamless connectivity in dynamic environments.

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A1 CABLES
Custom Manufacturing

Woman Owned Small Business

MADE IN USA

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STT LITE Kit (Link-16 Integrated Terminal Equipment Kit)

A COMPREHENSIVE, INTEGRATED SYSTEM

The STT LITE Kit provides a comprehensive, integrated system for producing a fixed or mobile line-of-sight (LOS) and beyond-line-of sight (BLOS) gateway function.

The following items make up the A1 Cables STT LITE Kit:

- Ruggedized rack mount transit case
- Integrated STT cooling, control and power
- Integrated GPS and ETR 1PPS (Internal)
- Integrated power and mounting bracket for a DAGR
- Integrated 1-PPS input for use with DAGR or External GPS
- Ready access to STT host functions, including but not limited to:
  - Data
  - Voice
  - Crypto
  - RF Interfaces

FRONT PANEL CONTROLS AND INTERFACES

The STT LITE Kit provides the following controls and interfaces on the front panel:

- Main System Power
- System Temp Warning
- System Thermal Shutdown
- CH 1 and CH 2 Power ON/OFF
- CH 1 and CH 2 Audio/Crypto Fill
- CH 1 and CH 2 Zeroization
- CH1 and CH 2 KDU
- CH 1 and CH 2 USB
- CH 1 and CH 2 Red Console
- CH 2 DTE
- STT Link 16 Long Term Transmit Inhibit (LTTI)
- Internal Switch Ethernet ports (x2)
- DAGR Mount (DAGR not included)
- DAGR Power Output
- External GPS or DAGR 1-PPS ETR Input

REAR PANEL INTERFACES

The STT LITE Kit provides the following interfaces on the rear panel:

- AC and DC Power Inputs
- Link 16 Antenna A - Type-N(F)
- Link 16 Antenna B – Terminated inside case
- Internal GPS Antenna – SMA(F)
- CH 1 VHF/UHF Antenna - TNC(F) – Connect directly to STT
- CH 2 VHF/UHF Antenna - BNC(F) – Connect directly to STT

SPECIFICATIONS

TRANSIT CASE

Color	Black
Dimensions (W x H x L)	24” W x 13” H x 25” L **
With Lids	24” W x 13” H x 32” L

WEIGHT

STT LITE Kit

STT LITE Kit with STT	~99 lbs. **
STT LITE Kit without STT	~82 lbs. **

ELECTRICAL INPUT POWER

AC Input	85 to 265 VAC (50 to 400 Hz) Single Phase
DC Input	12 to 36 VDC
Power Consumption	< 150 W (typ) 500 W (peak)
Designed to meet MIL-STDs:	MIL-STD-461 MIL-STD-704 MIL-STD-810 MIL-STD-1275

ORDERING INFORMATION

- PN 0021600 STT LITE KIT – Link-16 Integrated Terminal Equipment Kit
- PN 0021412 Antenna Mast Kit (Small Mast and Antennas)
  - PN 0021422 - 3 Meter Mast
  - PN 0021336 - Antenna, 800-1250 MHz, +4dBi, TNC(M)
  - PN 0021406 - Antenna, 30-512 MHz, VHF/UHF, TNC(M), Manpack
- PN 0021416 50ft RF Cables Kit (with carrying case for kit 0021412)
  - PN 0021402-600 - 50ft LMR-400UF cable with Type-N(M)/TNC(M) connectors
  - PN 0021426-600 - 50ft LMR-400UF cable with TNC(M) connectors
- PN 0021414 Antenna Mast Kit (Large Mast and Antennas)
  - PN 0021424 - 10 Meter Mast
  - PN 0021324 - Antenna, 960-1215 MHz, +7dBi, Type-N(F)
  - PN 0021408 - Antenna, 30-512 MHz, VHF/UHF, Type-N(F), Ground
- PN 0021418 100ft RF Cables Kit (with carrying case for kit 0021414)
  - PN 0020028-1200 - 100ft LMR-400UF Cable with Type-N(M) connectors
  - PN 0021402-1200 - 100ft LMR-400UF Cable with Type-N(M)/TNC(M) connectors

❖ **Custom Kits available upon request.**

* SRW and ANW2C waveforms available by US government approval only, limited to nations approved for each waveform.

** Dimensions and weights are approximate

All our products are proudly assembled in the USA.

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