



COMMANDER NEO

HIGH-SPEED MIL-GRADED SATELLITE ANTENNA FOR ON-THE-MOVE

On-the-move connectivity redefined – delivers seamless, high-speed voice and data communication from vehicles, trains, or any mobile platform, no matter the mission.

Always mission-ready – compact, rugged, and built without moving parts, ensuring maximum durability and reliability even in the harshest conditions.

Instant mobile hub – transforms any vehicle into a secure communications center in minutes, keeping teams connected wherever operations take them.

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Specifications

Dimensions:

Height: 11.7 cm (with 3 cm spacers)
Width: Ø 32.1 cm

Weight: 4.8 kg

Data Capabilities *(Thuraya Connect App):*

> 5° elevation: Up to 1024 kbps (Rx / Tx)

Voice Standard VoIP
Embedded SIP Server

Frequency Range:

Tx (MHz) 1626.5 - 1660.5
Rx (MHz) 1525.0 - 1559.0

Frequency Range: GPS, Galileo, Beidou, Glonassr

Languages: EN, AR, FR, DE, ES, RU, JP, CN

Approval: CE, RED, RoHS, WEEE,
FCC, UL, RCM
Thuraya Type Approval

Environmental conditions

Temperature

Operational: -25°C to +55°C (ambient)
Storage: -40°C to +85°C

Water and dust: IP68

MIL-STD-810G: Method 503.6 (Temperature shock)
Method 505.6 (Solar Radiation)
Method 506.6 (Rain)
Method 507.6 (Humidity)
Method 509.6 (Salt Fog)
Method 510.6 (Sand and Dust)
Method 512.6 (Immersion)
Method 516.7 (Drop)
Method 524.1 (Freeze/Thaw)

EMI/EMC: MIL-STD-461H

Power

DC input range: 12 - 24 VDC (Max. 10.8 to 32 VDC)

Power (max): 70W (@10.5 - 32V)

Interfaces

WLAN Access Point: 802.11 b/g/n/ac

Ethernet: 10 / 100 / 1000 Mbps

Combined DC power and Ethernet connector:

Combined connector providing DC power input, ignition and Ethernet (PoE 802.3bt Type 3) connectivity. Hybrid cable wiring: Power 2, Ignition 1, Ethernet 1 + 4 (shield)

User interface:

One LED (Status), Web Interface,
Reset Button, SIM card connector

Other features

Thuraya Connect App:

Turns a Smartphone into a Satphone.
Available for Android / IOS.

Set-up and Router Functionality:

Webserver, NAT Router, Admin control
(password protected), DHCP, Network Management,
Remote Management, PPPoE

Package

- Commander NEO Terminal with 3cm spacers
- Quick Start Guide
- 6m hybrid DC power and Ethernet cable (open ended)

Accessories

- 403723B-009: Magnetic Mount kit
- 403706B-050: Connection Box

