

EXPLORER 6000 Series

First ever Stabilized Auto-Acquire Fly-Away VSAT
Sales Introduction, May 2020



Introducing EXPLORER 6000 Series

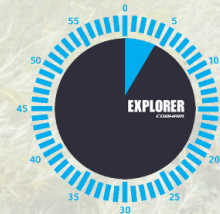
A modular Fly-Away Platform

COBHAM

First ever stabilized



Fast Deployable



Modular base



Robust



EXPLORER 6000 Series

New 0.75m and 1m Stabilized Fly-Away Antennas

COBHAM



EXPLORER 6075LX

- 0.75m Carbon Reflector (4 pcs)
- Available in Ka-band for Inmarsat Global Xpress
- 5W Ka-band BUC
- 2 case Pack-up



EXPLORER 6000 Series Base

- Shared Base for 0.75 and 1m reflector sizes
- Robust Panning Head
- Comes in two options:
 - Integrated GX Modem (Ka)
 - External Modem interface (Ku)



EXPLORER 6100 Ku

- 1m Carbon Reflector (7 pcs)
- Available in Ku-band
- 8W, 20W or no BUC option
- Embedded Dual Band LNB
- 2 case Pack-up

EXPLORER 6000 Series

First of its kind - Dynamic Pointing Correction



COBHAM

- A true **stabilized** Land VSAT platform based on our maritime legacy
- **Maintains connection**, even in windy conditions or when pushed or moved
- **Continuous Auto Peak** optimizes connection constantly
- Provides the **most reliable and stable** connection in its class

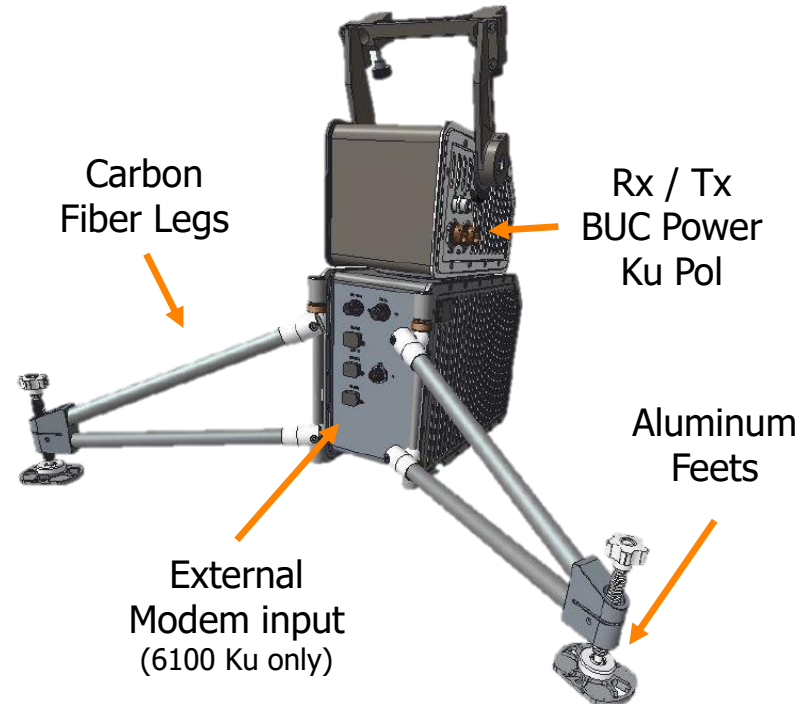
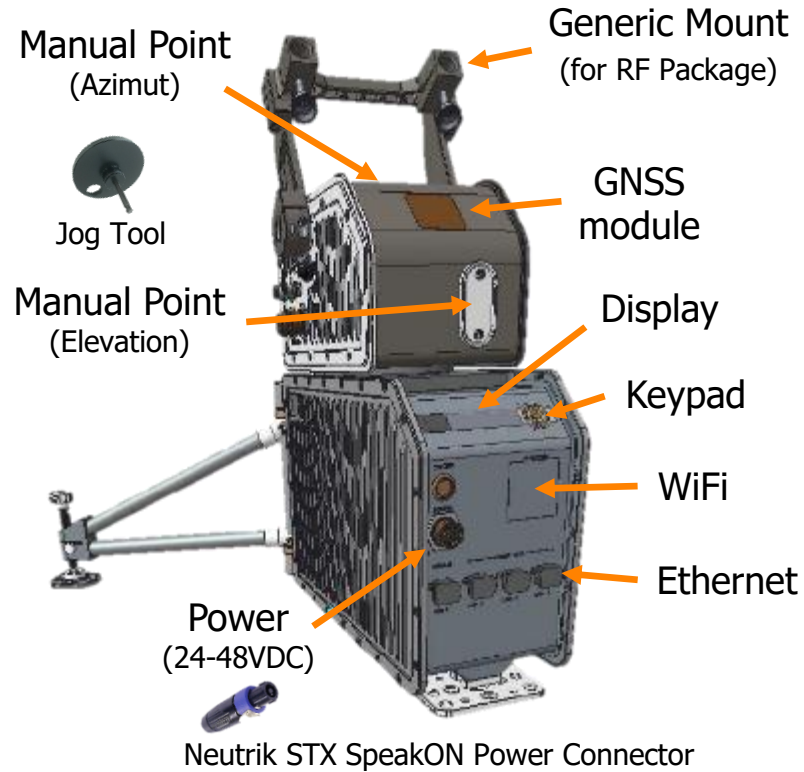
No need to worry about loss of communication, even in extreme conditions



EXPLORER 6000 Series

One common base

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EXPLORER 6000 Series

Universal Mount for RF Package

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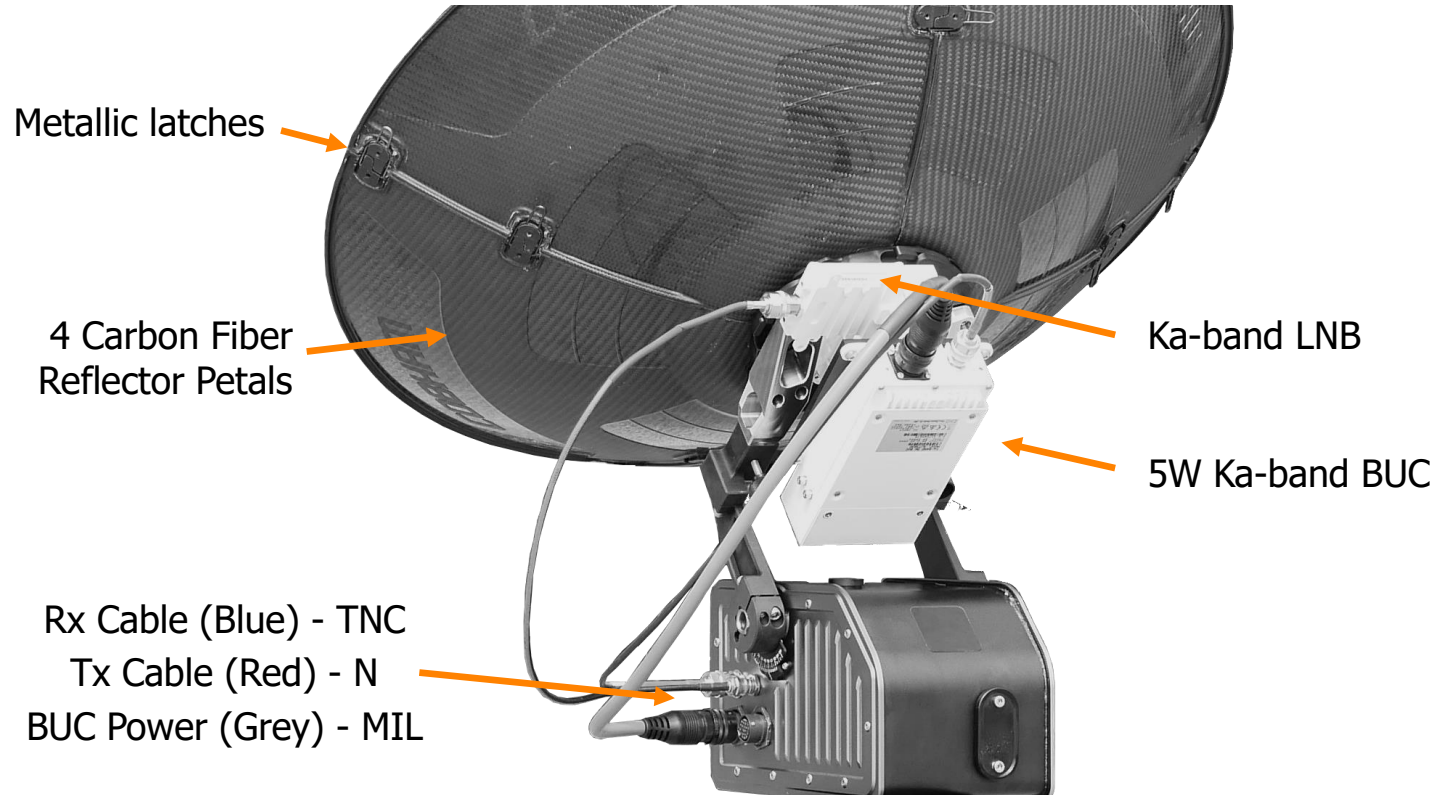


Two easy accessible Mounting Blocks on the Positioner arms
Simply slide the RF Package in and tighten the screws

EXPLORER 6075LX

Ka-band RF Package

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EXPLORER 6100 Ku

Ku-band RF Package

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EXPLORER 6100 Ku Pack-up

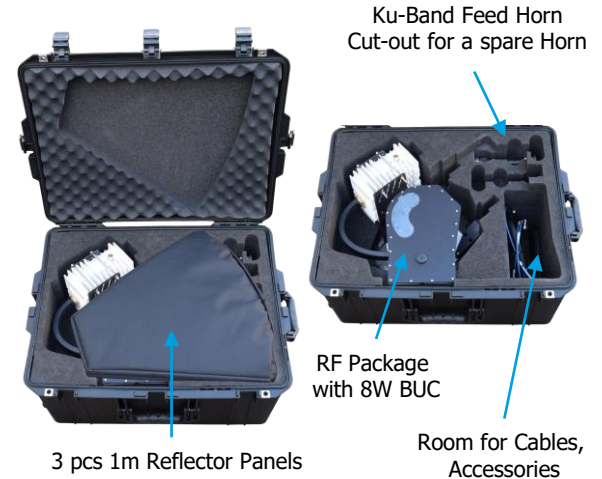
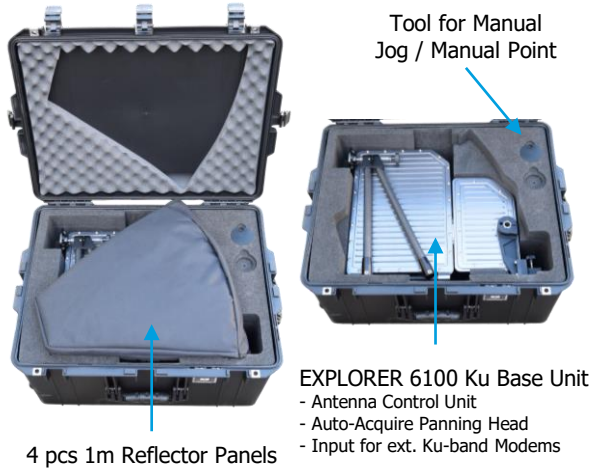
A true mobile solution

COBHAM

Base Unit + 4 Panels: **24 kg / 54 lbs**

2 x Lightweight Peli Air 1637

RF + 3 Panels: **20.8 kg / 45.9 lbs**



Two Airline Checkable Hard Cases

Padded Softbags for Reflector Panels - can be taken out for weight reduction!

EXPLORER 6075LX Pack-up

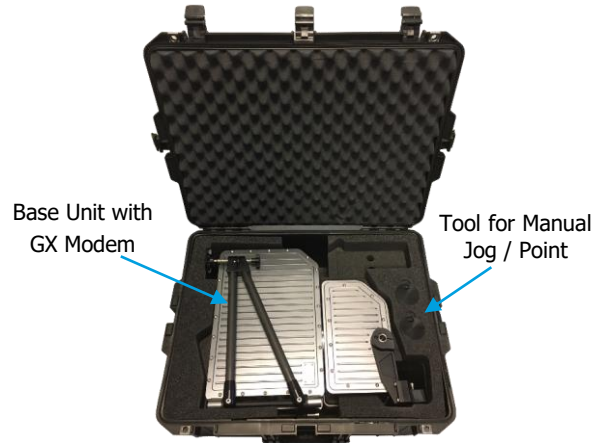
A true mobile solution

COBHAM

Base Unit Case: **22.4 kg / 49.4 lbs**

2 x Lightweight Peli Air 1637

RF+Reflector Case: **17.3 kg / 38.1 lbs**



Two Airline Checkable Hard Cases below 23 kg / 50 lbs.

Complete EXPLORER 6075LX pack-up is >10 kg / 22 lbs lighter than EXPLORER 5075GX!

Industry-fast and quiet acquisition

- From pack-up to transmission in minutes
- Easy and fast assembly - 5 minute job for one person
- Less than 4 minutes acquisition from stowed position



Using the exact GPS position and compass heading the EXPLORER 6000 Series VSAT can find and lock on to a satellite within minutes

EXPLORER 6000 Series

Easy Assembly - Robust Carbon Fiber Reflector

COBHAM

4-piece (0.75m) or
7-piece (1m) Carbon
Fiber Petals

Click hinges for easy
and intuitive assembly

One piece (petal)
exchange



EXPLORER 6000 Series

Easy Assembly - Field Replaceable Feed Horn for Ku- and Ka-band

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- Developed by Cobham SATCOM
- Field replaceable
- Easily unscrews from the center of the reflector for secure transportation
- Bring a spare feed horn

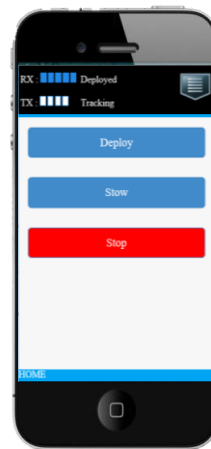


IP Router with Built-in Wifi

Mobile Web Interface with Basic Operations and Status

Modem Agnostics and Support for OpenAMIP

Base Unit with Display and a One Button Operation (Deploy / Stow)



Operating an EXPLORER 6000 series antenna
does NOT require a VSAT engineer!

- **EXPLORER 6000 Series Power Supply**
 - 48 VDC Output (320 Watt)
 - 2.5 m Cable (Schuko to PSU)
 - 2.5m Cable (PSU to Base Unit) with Neutrik Connector
- **10m Extension Cable (PSU to Base Unit)**
 - Neutrik to Neutrik Connector (Metallic STX SpeakON Connector)
- **12" Waveguide for EXPLORER 6100 Ku (No BUC)**
- **Manual Point Tool**
 - One is provided (for stowing)
 - 2nd is required for manual pointing



EXPLORER VSAT

Manual and Auto-Acquire VSATs for Comms-On-The-Pause

COBHAM

- **EXPLORER 3000 series:** Manual Fly-Away Antennas **(NEW)**
- **EXPLORER 6000 series:** Stabilized Auto-Acquire Fly-Away Antennas **(NEW)**
- **EXPLORER 8000 series:** Stabilized Auto-Acquire Drive-Away Antennas



EXPLORER 3100



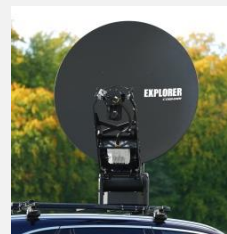
EXPLORER 6075LX



EXPLORER 6100



EXPLORER 8100



EXPLORER 8120

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