

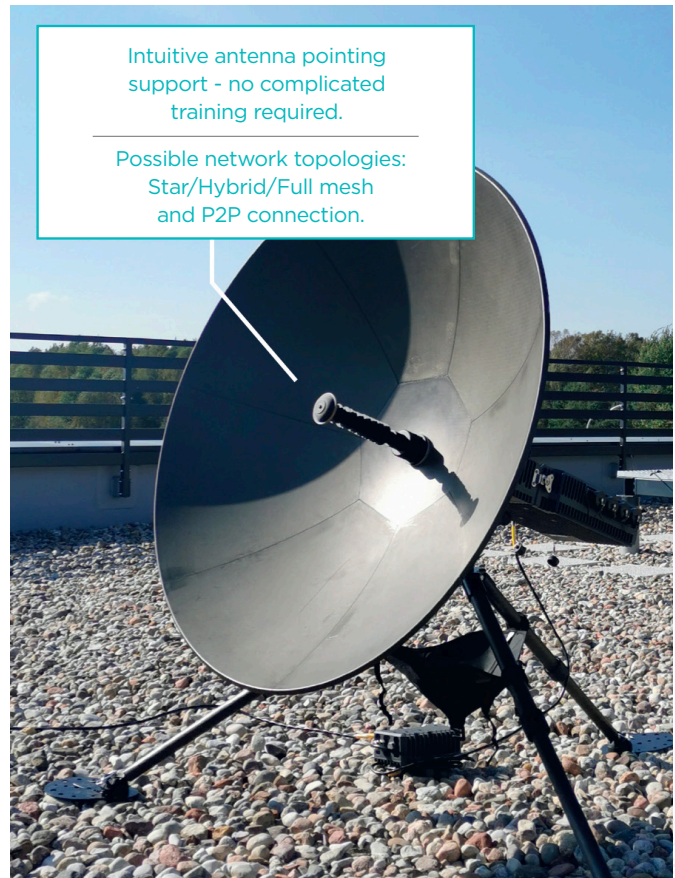
SatPack COBALT

Innovative, portable, and fully modular VSAT system created to support customer's most demanding applications, taking SatCom beyond just basic connectivity. Flexible design allows the terminal to be adapted to end-user's specific needs, ensuring its timeless quality and reliability.

Military-grade design
- reliable construction
in every condition, IP67 rating.

Low weight -
less than 20 kg
with 1 m dish.

Comes with
dedicated backpack
or hard case.



MODULES

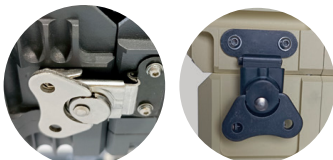
- Different modem options: for TDMA and SCPC operation.



- Different RF options: X, Ku, Ka.



- Easy to swap modules in field environment (tool-less).



- Fully configurable according to customer needs.
- Ready to work in less than 5 minutes.
- Local GUI for terminal monitor and control.

POWER

- Capable to supply from: AC (mains), DC, BB-2590



- If BB-2590 batteries provided - power supply acts as UPS, providing uninterrupted satellite

TECHNICAL SPECIFICATION

MODULES

RF module

Interchangeable X-Band, Ku-Band, Ka-Band

Antenna dish

Aperture 60 cm, 80 cm, 100 cm, 130 cm

Modem module

Supported modems ND Satcom 5G mini
Teledyne Paradise Datacom Q-Lite
SpaceBridge 7720
iDirect IQ200, 950 mp

Features Antenna pointing assistance, Built-in GPS receiver, Optional Beacon receiver

Power supply

AC (mains) 80–240 VAC, 45–63 Hz
DC 12–36 V
Battery BB-2590 with charging option

RF MODULE PARAMETERS

	X	Ku*	Ka
Transmit frequency	7.90 GHz to 8.40 GHz	13.75 GHz to 14.50 GHz	27.50 GHz to 31.00 GHz Depending on chosen sub-band
Receive frequency	7.25 GHz to 7.75 GHz	10.70 GHz to 12.75 GHz	17.20 GHz to 21.20 GHz Depending on chosen sub-band
Polarization type	RCP / LCP	Linear	RCP / LCP
Polarization adjustment	Manual	Motorized	Manual
BUC options	5 W, 10 W, 15 W, 20 W	8 W, 10 W, 12 W, 16 W, 20 W, 40 W	10 W, 16 W, 20 W, 40 W

ANTENNA PARAMETERS

Antenna gain vs. Antenna size

	X		Ku*		Ka	
	Tx	Rx	Tx	Rx	Tx	Rx
60 cm	32.7 dBi	32.0 dBi	37.0 dBi	35.5 dBi	43.0 dBi	40.0 dBi
80 cm	35.1 dBi	34.6 dBi	39.5 dBi	38.1 dBi	45.5 dBi	44.3 dBi
100 cm	37.0 dBi	36.4 dBi	41.2 dBi	40.0 dBi	47.5 dBi	44.3 dBi



MECHANICAL PARAMETERS

Tripod head type	Motorized (azimuth and elevation)
Azimuth range	Around 30 kg (depending on configuration)
Elevation range	2, with wheels
System weight	Less than 20 kg (1 m dish)

ENVIRONMENTAL

Standard compliance	MIL-STD 810, MIL-STD 461
Operating temperature range	-30 °C to 50 °C (-22 °F to 122 °F)
Storage temperature range	-40 °C to 60 °C (-40 °F to 140 °F)
Operational wind speed	45 km/h (28 mph)
IP rating	IP67

* Low-Ku option available upon request

