

# FoldSAT

## Leo Ku OW MIL Manpack Military User Terminal

Designed and developed for the Eutelsat-OneWeb **Ku-Band LEO** satellite constellation. Our cutting-edge technology ensures seamless connectivity beyond traditional networks.

MIL-STD810H compliant

Operates in GNSS-denied environment with external anti-jamming GNSS antenna



**Flat panel electronical antenna**

**Foldable manpack**

**Low-size, Low-weight, Low-power**

**Easy to deploy and to operate.**

**Full duplex**

**Up to 195 Mbps/32 Mbps**

**Integrated modem**

**Wi-Fi 6 capability**

**3-hour autonomy**

**Hot-swap external batteries**

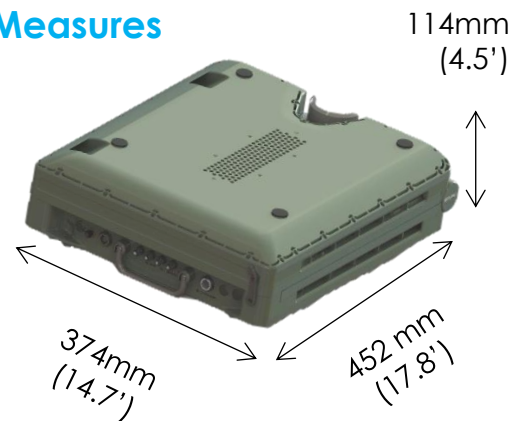
# FoldSAT LEO Ku OW MIL

## Portable Satellite Communications Solution

### Ku - Band terminal performance

<b>Dimensions</b>	L45.2 cm x W37.4 cm x H11.4 cm (folded) L85.5 cm x W37.4 cm x H5.7 cm (unfolded)
<b>UT weight</b>	11.6 Kg (17.5 Kg including AC/DC, cables, tripod, battery)
<b>Op. Temperature</b>	-40°C to +55°C
<b>EMI/EMC</b>	MIL-STD standards: MIL-STD 810H and MIL-STD 461G
<b>Power sources</b>	Mains, battery, vehicle battery
<b>Power consumption</b>	170 W
<b>Battery</b>	294Wh
<b>Capacity Autonomy</b>	180 min with 2 x BB2590 batteries
<b>Panel Interface</b>	1 x 1GbE port - user traffic 4 x Night Vision Goggle LED (optional) Wi-Fi 6
<b>Ingress Protection</b>	IP65

### Measures



### Connectors & buttons

#### Push button

- On / Off
- Wifi On / Off

#### MIL grade connector

- Internet
- Power DC



#### Green light vision LED

- Power ON
- Modem Rx lock
- Modem Tx on
- General UT status

### Accessories



Military AC/DC unit



Military Transit Case



Military Tripod



Military Battery



#### Headquarters:

C/ Marie Curie 19, 4ª floor  
28521 Rivas-Vaciamadrid (Madrid)  
Spain

[grupooesia.com](http://grupooesia.com)

#### Contact:

[producto@oesia.com](mailto:producto@oesia.com)

+34 916 617 161

#### More information:

[SatCom](http://SatCom)

