

SARBE 6-406G EVO

Personal Locator Beacon



Although primarily used by Pilots and Aircrew, Personal Locator Beacons are also used widely within maritime and land environments giving personnel the ability to send a distress alert from anywhere on the earth's surface.

SARBE: Innovation since 1944

SARBE has been at the forefront of innovation in life saving Locator Beacons and critical communications for more than 70 years. Its products are in Tri-Force use on every continent.

The Sarbe 6-406G Evo is a significant advancement in Personal Locator Beacon technology by ensuring that alerts contain accurate identification and location information. The correct authority is quickly informed by the distress alert and can subsequently inform the rescue teams.

KEY FEATURES

- Cospas-Sarsat approved
- 406 MHz global alerting
- 121.5 MHz and 243 MHz local homing
- Automatic and manual operation
- Activation Rotary Control switch, 'G'-Switch, Salt water
- Internal GNSS receiver
- Waterproof to 10 m
- Two way speech

Safran Electronics & Defense is with you every step of the way, building in the intelligence that gives you a critical advantage in observation, decision-making and guidance.

Technical Specifications

Power Output

| | | |
|---------------|-----------|---------|
| COSPAS-SARSAT | 406 MHz | 5 watts |
| Homing signal | 121.5 MHz | 100 mW |
| Homing signal | 243 MHz | 100 mW |

Modulation

| | | |
|-------------------|--|----|
| 406 MHz | IAW Cospas-Sarsat T.001/T.007 Swept tone range | |
| 121.5 MHz/243 MHz | 1600 Hz to 300 Hz Sweep rate 2-3 Hz | AM |
| | Swept tone modulation > 85% | |

GNSS

50 channel C/A code, 1.575 GHz providing WGS coordinates

Power

| | |
|--------------|---|
| Endurance | Greater than 24hrs @ -20 °C Lithium Manganese Dioxide |
| Battery type | Dioxide |
| Storage life | Five years |

Size

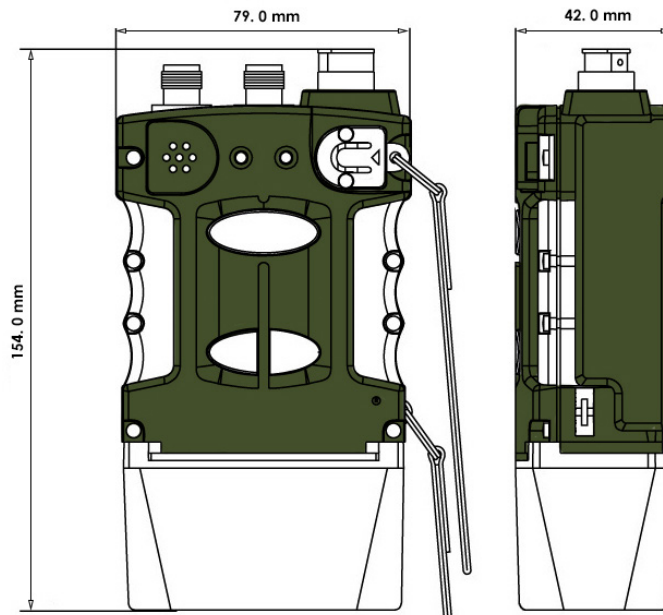
| | |
|------------|--|
| Dimensions | H154 mm x W79 mm x D42 mm |
| Weight | 583 g including battery and Tx Antenna |

Temperature

| | |
|-----------|------------------|
| Operating | -20 °C to +55 °C |
| Storage | -55 °C to +70 °C |

Part Numbers

| | |
|-------------------|----------|
| Part Number (P/N) | 101275-2 |
|-------------------|----------|



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