GBOX |L

GLOBAL NAVIGATION SATELLITE SYSTEM

#Navigation

INDIGENOUS DESIGN
ASELSAN AIRBORNE GLOBAL NAVIGATION SATELLITE SYSTEM

aselsan

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GLOBAL NAVIGATION SATELLITE SYSTEM

Description and Functional Properties

- GBOX-L is a Global Navigation Satellite System developed for various platforms.
- Provides position, velocity and time data to the system/platform that is integrated onto.
- Consists of a processor, GNSS receiver unit, power supply and chassis.
- Provides effective solution for all platforms that require position, time and velocity data.
- Has an open hardware architecture and flexible software algorithm that can be adapted to different type of platforms.

Interface

- MIL-STD-1275 Compliant 28VDC Power Interface
- 5 x RS422 Interface
- Have Quick and 1PPS

Operational Modes

- GPS data usage
- Galileo data usage
- BeiDou data usage
- Glonass data usage
- Multi GNSS data usage

Environmental Conditions

- MIL-STD-810G Compliant

Electromagnetic Conditions

- MIL-STD-461E Compliant

Dimensions and Weight

- ~ 21cm x 21cm x 7.5 cm (including connectors)
- Less than 2.1 kg

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