

ASEL PINE | AIBU

ASELSAN INTERFERENCE BLANKER UNIT

#Avionics



NOVEL INTERFERENCE BLANKER UNIT
PROGRAMMABLE DESIGN
FIGHTER AIRCRAFT QUALIFIED



aselsan

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ASELSAN INTERFERENCE BLANKER UNIT

ASELSAN Interference Blanker Unit (asELPINE AIBU) is used on military platforms to prevent interference between the numerous onboard RF systems.

asELPINE AIBU can be programmed easily to meet any application requirements.

With its reliable and rugged design, the asELPINE AIBU can operate in severe environmental conditions of fixed-wing and rotary-wing platforms.

General Specifications

- Programmable Blanking Inputs/Outputs
- Blanking Pulse Modification
- Repeater
- Delay
- Extension
- Blanking Matrix Selection (up to 8)
- Look Through Blanking Outputs Generation
- Built-in Test

Interfaces

- 20 Low Voltage Blanking Inputs
- 4 High Voltage Blank Inputs
- 16 Low Voltage Blanking Outputs
- 8 High Voltage Blanking Outputs
- RS-485 interfaces
- Discrete I/O interfaces

Physical Specifications

- Dimensions : 243mm(W)x133mm(H)x91mm(D)
- Weight : 2,6 kg

Technical Specifications

- Power Input : 28 VDC (Nominal)
- Power Consumption : 10W (Nominal)/45W (Maximum)
- Blank Pulse Treatment
- Built-in Test

Environmental Conditions

- Operating Temperature and Altitude : -55°C/+71°C (+95°, 30min), 50.000 ft.
- Storage Temperature and Altitude : -55°C/+95°C, 55.000 ft.

Qualifications

- MIL-STD-810F
- RTCA DO-160E
- MIL-STD-461E



Specifications are subject to change without any notice. | All tolerances are within ±10%.