

# ALPER

aselsan

## Naval LPI Radar



ALPER (**A**selsan **L**ow **P**ower **E**CCM **R**adar) is a low probability of intercept (LPI) navigation radar system for detecting surface targets in all weather conditions.

- 24 hours operability
- Low probability of intercept, LPI
- High range resolution
- High durability to environmental conditions
- Low failure rate
- Modular design



# ALPER Naval LPI Radar

www.aselsan.com.tr

## General Specifications

- Low Probability of Intercept, LPI
- Frequency Hopping
- Low Antenna Sidelobe Levels
- Sector Blanking
- Built-In-Test (BIT) Capability
- Compliance with Military Standards (MIL-STD 810F, MIL-STD 461E)

## System Units

- Antenna Unit
- Antenna Drive Unit
- Transceiver Unit
- Signal Processing Unit
- Power Distribution Unit

## Technical Specifications

Waveform	: FMCW
Output power	: 1 W, 0.1 W, 0.01 W, 0.001 W (selectable)
Range Accuracy	: <5m in distance at 12 NM scale
Operating frequency	: X-Band
Selectable Range Scales	: 12, 24 and 36 NM
Maximum Range	: 36 NM
Scanning Rate	: >20 rpm

