

ARES 2N

Naval Platform Radar ESM System

MODERN
FIELD PROVEN
ESM SOLUTION





ARES 2N

Naval Platform Radar ESM System

Modern, field proven ESM System solution for surface platforms from ASELSAN for today's and tomorrow's high density signal environments and complex threats.

ARES-2N intercepts, detects, identifies tracks radar signals with precise parameter measurement and accurate DF, characterizes advanced emitters and provides automatic identification via MDF.

Features

- Wide-Band Microwave Receiver Architecture
- High Gain Antenna Array
- Direction Finding, (Amplitude Comparison Method)
- Short Reaction Time
- High Probability of Intercept (POI)
- Low Probability of False Alarm
- Audible and Visual Alarms for Lock-on, CW emitters, Guided Missiles etc.
- Very long range LPI Signal Detection
- Inter-Pulse Analysis
- Frequency, PRF, PW, Antenna Scan Type/Period, Modulation Type Measurements
- Digital Recording of Intercept File
- Interface with Combat Management System
- Blanking Interface with the Emitters On-Board
- Ship Navigation Data Support

Environmental Features

- MIL-STD-810F Compatible Environment Characteristics
- MIL-STD-461E Compatible EMI/EMC Characteristics