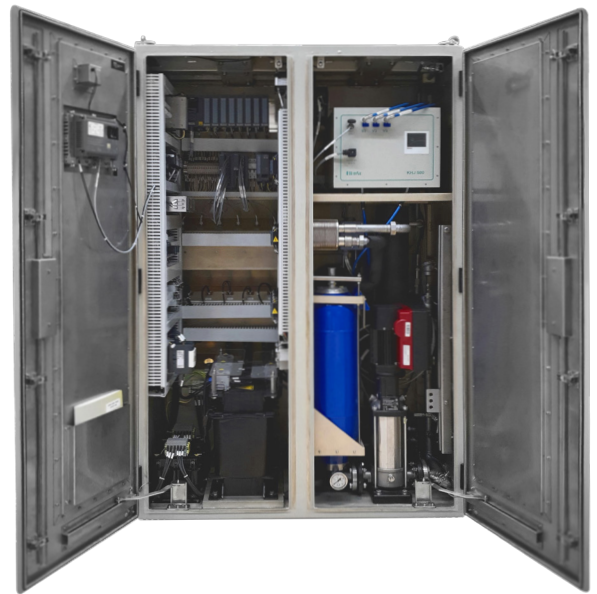


AKREP | 100-NI

ACTIVE PHASED ARRAY ILLUMINATION RADAR

#Radar



aselsan

AKREP | 100-NI

ACTIVE PHASED ARRAY ILLUMINATION RADAR

AKREP 100-NI, integrated into the Fire Control Radar, is a CW (Continuous Wave) X-Band illumination radar capable of generating the illumination signal required for Evolved Sea Sparrow Missile (ESSM) guidance. The modular architecture of the AKREP 100-NI, Illumination Radar, which provides graceful degradation and high MTBF by reducing individual error sources, provides ease of maintenance, as well as a scalable structure, providing ease of design to meet different power requirements.

Technical Features

- X-Band
- Semi-active missile guidance
- 150 km range
- Support all ESSM modes
- Up to 16 simultaneous HAW guidance



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

REHIS - AKREP 100-NI - 11..2024