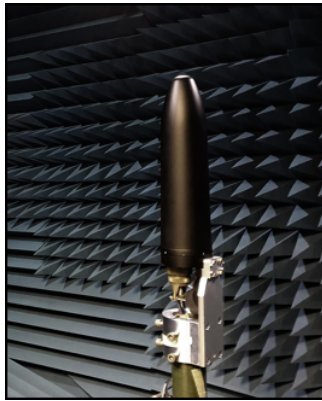


COMMUNICATION

We have an extensive range of HF, VHF, UHF and SHF (L-, S- and C-band) omni-directional and directional communications antennas, designed for mobile, base station and man-portable applications, point-to-point and point-to-multipoint radio communications.



COUNTER-RCIED

Alaris Antennas has partnered with leading manufacturers of RCIED jamming equipment to provide suitable antennas in manpack and vehicle-mounted configurations. Radio frequency jammers provide the best defence against radio-triggered IEDs. Because of the extremely broad range of frequencies that are used to trigger RCIEDs, an effective wideband antenna system is essential to ensure the best possible protection.



MONITORING

Alaris Antennas designs and manufactures monitoring antennas for a range of applications. Monitoring antennas, whether for spectrum monitoring, general receive purposes, ITU applications or signal detection, require wideband performance, high sensitivity in their frequency range and a compact form factor. Our range includes active and passive antennas.

DIRECTION FINDING

A direction finding antenna is used in spectrum monitoring, ITU applications, transmitter fault finding and EW systems to establish the direction from which a received signal was transmitted. We design and manufacture direction finding (DF) antennas of all sizes, for all applications. We have been constructing and testing direction finding antennas for over a decade.

These antennas come in a range of different sizes from briefcase carried hand-operated DF antennas to large mast-mounted arrays. Between these two extremes lie a series of vehicle, tripod, helicopter, ship and submarine-mounted antennas.



ELECTRONICS

Alaris Antennas designs and manufactures a range of electronics products, passive and active, to complement our product range. These include RF switches, antenna tuning units, multi-channel gain blocks, power supplies, filters and diplexers. Some antenna products, such as active antennas and direction finding systems are integrated with electronics in accordance with the particular application.

HIGH POWER TRANSMIT

Alaris Antennas offers a range of antennas for stand-off jamming, antenna testing and high-power transmit applications. Typically, these are used to prevent unauthorised communications from functioning, either by preventing communications entirely or by introducing spurious messages into the communications system. Antennas that cover public broadcast bands can also be used to establish temporary or permanent broadcast facilities to disseminate information to the general public.



LPDA

Log periodic dipole arrays (LPDAs) are wideband antennas providing directional gain and are typically used for wideband monitoring, antenna testing and jamming applications. Their broad frequency coverage reduces the number of antennas required in an EW system. The LPDAs in our range cover the spectrum from 2 MHz to 6 GHz. High-power versions are offered for jamming purposes, lower power versions for monitoring applications. Hybrid LPDA-dipole designs provide compact antennas which still perform at low frequencies.



TEST AND MEASUREMENT

Alaris Antennas designs and manufactures a range of products for use in test and measurement applications. Example applications where these products are in use are for handheld interference hunting and direction finding.



For the global defense and security markets, our mission is to deliver high quality antenna Solutions, on time, through technical and service excellence.



We specialize in supplying innovative, customized antennas and related RF product solutions to global RF system integrators.



Alaris Antennas continues to be the trusted and innovative partner to its clients for over two decades.



GAIN THE ADVANTAGE

www.alarisantennas.com



GAIN THE ADVANTAGE

Alaris Antennas designs, manufactures and sells specialised broadband antennas as well as other related radio frequency products. Our products are used in the communication, frequency spectrum monitoring, test and measurement, electronic warfare and other specialised markets.

A member of the Alaris Holdings Group

