



Product Announcement

Cobham Antenna Systems
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New MIMO Antenna Range from Cobham Antenna Systems

Cobham Antenna Systems, Microwave Antennas (Cobham), a leading antenna producer, is proud to announce a new Multiple In Multiple Out (MIMO) antenna range which contains almost 100 antennas. Included in the range are omni, directional, sector, hemi-omni and blade omni antennas, all with at least two connectors.

Cobham's MIMO range makes use of polarisation diversity; vertical and horizontal (V+H), $\pm 45^\circ$ dual-slant or even right and left hand circular polarisations. The antennas contain two orthogonally polarised elements which are interleaved within a single aperture. This reduces the overall dimensions, compared with two separate antennas contained within one housing.

With demands for data rates, speed and throughput increasing rapidly, MIMO antennas are now becoming fundamental elements of communication networks. Anticipating these changing requirements Cobham has developed this wide range of MIMO antennas to suit many applications and markets including commercial, military and security.

Cobham's MIMO antennas help radio systems deliver high data rates with superb efficiency, reliable throughput and minimised risk of signal drop-out.

For more information and to request a MIMO antenna brochure or datasheets please contact Cobham Antenna Systems, Microwave Antennas:

T: +44 (0)1638 732177

E: newmarket.sales@cobham.com

W: www.cobham.com/antennasystems/microwaveantennas

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About Cobham plc

Cobham protects lives and livelihoods with its differentiated technology and know-how, operating with a deep insight to customer needs, and agility. The Group offers an innovative range of technologies and services to solve challenging problems across commercial, defence and security markets, from deep space to the depths of the ocean. It has market leading positions in air-to-air refuelling; aviation services; audio, video and data communications, including satellite communications; defence electronics; life support and mission equipment. The most important thing Cobham builds is trust.

About Cobham Antenna Systems

For more than 60 years Cobham Antenna Systems has been a leader in the design and manufacture of communication systems and antennas. Innovative communication, navigation, jamming, electronic warfare, telemetry and radar antennas serve commercial aviation manufacturers and operators, defence contractors, emergency response organisations and law enforcement agencies. Advanced antenna technology for satellite communications, avionics, radar and surveillance applications connect military and commercial aircraft, naval vessels, vehicles and mobile teams with the world through high-speed data, voice and video. Cobham also has a wide range of standard, composite masts, antenna pointing devices, and vehicle mounting systems and high performance composite structures and products for the aerospace industry, radomes and aircraft components, high temperature aircraft engine products, rotorcraft blade components, unmanned aerial vehicle airframes and sub-components. Cobham Antenna Systems is a leading supplier of flat plate array antennas, standard and custom passive RF components and assemblies, and specialised microwave and electro-mechanical rotating devices. These include RF rotary joints, gear-driven pedestals and RF rotating subsystems used in military and air traffic control radars, and telecommunications systems.

About Cobham Antenna Systems, Microwave Antennas, Newmarket

European Antennas Ltd trading as Cobham Antenna Systems, Microwave Antennas is a British company based near Newmarket, Suffolk. They are specialists in the design, development and manufacture of high quality antennas used for defence, security, satellite and commercial communication systems. Over 1500 standard products include narrow and wideband Omnis, directional and Sector antennas with various gains, polarisations and beamwidths. New antenna development projects are undertaken for customers worldwide.

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