

Antenna Design



Parker Meggitt (Baltimore) specializes in the design, optimization, and qualification of new antennas from customer provided specifications. Our engineers are equipped with the latest and most powerful measurement equipment and computer-aided engineering and design software packages, and a number of proprietary computer programs. We specialize in the design and development of electrically small, high performance military antennas. We design various types of antennas including quad ridge horn antennas, blades, spirals, conformal, patches, broad-band monopoles, broad-band dipoles, helical antennas, and more. We've designed hundreds of different antennas for applications including military airborne, land, sea based, and space antennas. Each antenna is specially designed for the application and can include radar cross section reduction. Our engineers simultaneously consider both electrical and mechanical/environmental performance when designing products. Test Facilities enable complete antenna electrical testing and characterization with performance verification and specialized environmental testing.