



Military

Critical naval cable assemblies deployed in days for surveillance and defense



Amphenol Custom Cable provides cable solutions for Leonardo DRS, an innovator in defense electronics to protect, connect, and serve the U.S. military on land, in the air, and at sea.

Situation: Leonardo DRS is a leading defense technology contractor, serving all arms of the U.S. military—Army, Marine Corps, Air Force, and Navy at a global scale. With laser focus, teams of engineers are committed to developing life-critical solutions for defense systems, surveillance intelligence, and communications networks.

In naval communications, always-on connectivity for voice and data transmission is of paramount importance. Antenna systems must transmit critical communications flawlessly 24/7, internally and externally, on a variety of naval watercraft for military expeditions worldwide.

To execute these missions, Leonardo DRS needed a cable supplier that could provide copper and RF cable assemblies rapidly for re-deployable antenna systems. The equipment had to be reliable, damage-resilient, and battle-ready.

Secure Mission-Ready, Shipboard Solutions: Understanding that Leonardo DRS’s primary concern was securing reliable, high-quality materials for antenna refurbishment services within tight lead times, Amphenol Custom Cable delivered on its promise to build and transport the required high-performance cable assemblies within a week. The copper and RF cables are used to refurbish antenna systems for six different platforms of naval ships around the globe, including battleships, destroyers, submarines, and aircraft carriers.

After each ship mission, the antenna system is overhauled and reinstalled expeditiously for the next military operation.

To further improve efficiency and resiliency while lowering costs, Leonardo DRS consulted with Amphenol Custom Cable for the design of weatherized, ruggedized cable configurations to withstand severe maritime and weather conditions.

Specially designed to withstand marine conditions, custom copper and RF cable assemblies used to refurbish antenna systems for naval ships.

“We were impressed by the level of service, quality, and quick turnaround. We salute Amphenol Custom Cable for doing the job right the first time, every time.”

– Ronald Yingling
Satellite Operations,
Leonardo DRS



SPEED

RF and copper assemblies within a week



CUSTOMIZED SOLUTION

Weatherized and ruggedized cable assemblies to extend equipment life



100% INSPECTION

U.S.-built and certified for high quality



ENGINEERING & SUPPORT

To improve efficiency and lower costs