

Military Cable Assembly Requirements

Because of their critical use factor, Captor Corporation takes a variety of additional factors into consideration when designing MIL-SPEC cable assemblies, such as:



Function

The details of the application often weigh heavily on the design considerations of the assembly.



Environment

We consider any environmental factors the assembly may be exposed to that could impact performance, such as altitude, depth, temperature, wind, sand, and humidity.



Military Specifications

MIL-STD-454 is the specific requirement covering electronic equipment used in a military or defense capacity. We also ensure adherence to any other relevant MIL-SPEC standards.



Governmental and Regulatory Standards

Other guidelines that may be taken into consideration include:



National Electrical Manufacturers Association (NEMA) safety and performance standards related to electrical equipment manufactured in the United States.



Qualified Products List (QPL) guidance for manufacturers of cable assemblies.



IPC and Wire Harness Manufacturers Association (WHMA) A-620 Class III, which delineates a unified standard for cable assembly production.

Learn about our military cable assembly capabilities at Captor Corporation.

