

Draka Cableteq USA engineers MIL-spec cables to the following specifications:

MIL-DTL-3432 - Power and Special Purpose Wire and Cable, 300 Volts and 600 Volts (CO Cables)

Draka Cableteq USA manufactures 2,000 single and multiple conductor CO cable designs, supplied with or without shields, to meet this specification. These cables are suitable for a broad range of electrical and electronic applications. Cables will resist temperature extremes and remain flexible from as low as - 55 °C to + 90 °C. Cables may be specified to meet three flexibility standards. All are designed to withstand considerable physical abuse, and they may be ordered in the following duty grades:

- **(Class H - heavy duty)** - Cables are used where they may be run over by heavy vehicles, including tanks. They are also designed to withstand severe flexing. Some applications include heavy portable tools and equipment, charging cables, and power and control cords.
- **(Class M - medium duty)** - Lighter in weight than heavy duty cables, they are intended to withstand the same usage except that they should not be run over by vehicles or subjected to severe impacts. Current applications include sound equipment, radio receivers, and motor leads.
- **(Class L - light duty)** - These are used in short lengths for the interconnection of major components. They withstand severe flexing, but should not be stepped on or subjected to severe impact. These are used on lightweight portable tools and generators.

MIL-C-3702 - Electrical High Tension Ignition Cables, Shield and Unshielded

This cable is available in both 5mm and 7mm sizes. Applications include ignition systems of internal combustion engines for automotive vehicles and aircraft.

MIL-DTL-915 - Electrical Cable for Shipboard Uses

This specification covers the outboard cables for shipboard and submarine use. These cables have severe water-blocking requirements, as they are used on the outside of the pressure hull of submarines.

MIL-DTL-24640 & MIL-DTL-24643 - Low-Smoke, Flame-retardant, Low-Toxicity Cables for Shipboard Uses

These cables are suitable for electronic, communication and instrumentation, power, control, lighting as well as instrumentation aboard naval ships. These cables are qualified for watertight and not-watertight, flexing and non-flexing applications. All cables have superior values in flame retardancy, smoke emission, and halogen content.

MIL-C-3883 (WSL types)

Rubber jacket audio frequency cable

DRAKA CABLETEQ USA
MILITARY SPECIFICATION CAPABILITIES



MIL-W-7500 (WS-31 /U type)

Single conductor Teflon tape insulated

MIL-C-60220 (Designation by figure number)

Insulation of Teflon FEP with a neoprene rubber jacket for complex weapon systems

MIL-C-1 0065/B (WM-72/U and WM-78/U types)

SBR rubber jacketed audio frequency cable

MIL-C-55021

Teflon and polyvinyl chloride insulated internal hookup wire

MIL-W-13169

Single conductor rubber insulated instrument test lead wires

MIL-W-71 39 (RM types)

Polytetrafluoroethylene insulation with glass braids and lacquer

MIL-C-55483 (WT-26/U type)

Synthetic rubber insulation, neoprene jacket power cord

MIL-C-2486C (WM 46/U type)

Rubber communications cable

MIL-C-27500 (Type H silicone insulation and Type F Teflon jacket)

Shielded and unshielded aircraft and missile cable. Draka Cableteq USA manufactures cables to MIS (Missile Interim Specifications) and MPD (Missile Purchase Description) specifications

MIL-W-8777

High temperature silicone insulated wire

MIL-C-13777

Flexible, multiconductor cables for usages under 600 volts

MIL-C-13486

Heavy-duty single and multiconductor electrical cables