

# Military & Government Wire Specifications

Callout	Description
JAN	Join Army Navy specification
J-C-90	Flexible cord and fixture wire
J-C-96	Neoprene jacketed telephone wire
J-C-580	Flexible cord and fixture wire
J-C-741	Rubber and/or neoprene welding cable
MIL-C-17	RG cables – polyethylene and Teflon TFE cores
MIL-C-442B	Two conductor parallel cable, rip cord
MIL-C-915	Electrical cable for shipboard use
MIL-C-1486	10 conductor WM-46/U
MIL-C-2194	Navy shipboard cables with silicone rubber insulation
MIL-C-3078	50 volt single conductor cable
MIL-C-3162A	Ignition cables for internal combustion engines
MIL-C-3432B	300 and 600 volt rubber insulated power & control cable
MIL-C-3458	Telephone cables
MIL-C-3702	Ignition cables for internal combustion engines
MIL-C-3849	Tinsel cord, light duty low voltage flexible cord for switchboards, microphones, telephones, etc.
MIL-C-3883	Audio frequency electrical cord
MIL-C-3884	Electrical conductor - short lay
MIL-C-4839	KEL-F insulated cable, WF-15/U
MIL-C-4866	RG-62/U Cable
MIL-C-4921A	(ASG) Single conductor 8 AWG, 5000 volt cable with butyl compound insulation and polychloroprene for airport lighting
MIL-C-5136	Cable, power, electric, polychloroprene sheathed, buna compound insulated
MIL-C-5756	Low temperature rubber portable cords
MIL-C-6166	Cord, headset-microphone, CX1301/AR
MIL-C-7078	600 volt aircraft wire using MIL-W-5086 components
MIL-C-8721	Miniature coaxial cables with Teflon TFE cores
MIL-C-8817	Aircraft ignition cables
MIL-C-9360	RG 134/U cable
MIL-C-10065	Special purpose electrical cables, multi-pair audio frequency
MIL-C-10369	Telephone field cable, for rapid payout
MIL-C-10392	Special purpose electrical cables, miniature
MIL-C-10581	Telephone cable assemblies, telephone coil assembly, telephone loading
MIL-C-11060	Twisted pairs using general purpose hook-up wire
MIL-C-11097	Telephone cable, wire W-50-A
MIL-C-11311	Telephone cable, types WD-31/U and WT-24/U
MIL-C-11440	Electrical power cable
MIL-C-12064	Low temperature power cable and cords for Arctic service
MIL-C-12423	Telephone cable, WD-33/U
MIL-C-12881	Telephone switchboard cables and assemblies
MIL-C-12992	Electrical power cable assembly, cord CX-227 TVQ-1
MIL-C-13066	Telephone cable, submarine 19AWG and 22 AWG
MIL-C-13077	Special purpose electrical cable
MIL-C-13294B	Infantry field wire, types WD-1/TT and WD-14/TT
MIL-C-13486	Primary wire for military vehicles and tanks
MIL-C-1377	Multi-conductor missile group support cable, 600 volt
MIL-C-13892	Telephone cable, flexible
MIL-C-14189	Electrical power cable, for field use, 3000 volt

Callout	Description
MIL-C-15325	Electric tow cable, 3 conductor
MIL-C-15479	Electrical power cable, submarine, Navy Standard Harbot Defense
MIL-C-18959	Electrical power cable, portable, neoprene jacketed, 600 volt
MIL-C-18961	Special purpose cable, electrical, shot firing
MIL-C-18962	Electrical power cable, direct burial, neoprene jacketed, 600 volt
MIL-C-19381	(Ships) Special purpose cables, electrical nuclear plants
MIL-C-19547	Special purpose electrical cables, shore use
MIL-C-19638	Electric power cables, submarine, Navy Harbor Defense
MIL-C-19654	Telephone cable, submarine
MIL-C-19787	Electric cable, torpedo control, electric setting, 65 conductor
MIL-C-19883	Special purpose electric cables, for remote control radar set AN/FPN-28
MIL-C-21609	Electrical cable, shielded, 600 volt, non-flexing service
MIL-C-22667	Buoyant electrical cable, submarine use
MIL-C-23020	Coaxial cable for use inside submarines, water blocked
MIL-C-23206	Special purpose electrical cable, silicone rubber, water blocked
MIL-C-23437	Electrical cable, shielded pairs
MIL-C-24145	(Ships) Special purpose electrical cable for shipboard use, water blocked and non-water blocked, formerly BuShip 660-L
MIL-C-24640	Electrical cable, lightweight for shipboard use
MIL-C-24643	Electrical cable and cord, low smoke for shipboard use
MIL-C-25115	RG-62C/U
MIL-C-25509	RG-115A/U
MIL-C-26468	(USAF) Power cable of two voltage ranges for airport lighting
MIL-C-27072	Non-portable multi-conductor cables for electronic circuits
MIL-C-27212	7 conductor cables for 300 volt airport lighting control circuits
MIL-C-27500	Shielded and unshielded aircraft and missile cables
MIL-C-36359 (S/B 38359)	(USAF) Power cable of two voltage ranges for airport lighting, 8 AWG, 3000-5000 volt, CCLP insulated (Shipboard 38359)
MIL-C-55021	Cables, twisted pairs and triples, internal hook-up, shielded and unshielded
MIL-C-55036	Telephone cable, WM130##/6
MIL-E-9085	(USAF) Electrical cord, WM-85/U
MIL-E-9088	(USAF) Electrical cord, WF-15/U
MIL-R-833 (S/B 8333)	(USAF) RF cable, RG12/U (Shipboard 8333)
MIL-STD-122	Color code for chassis wiring for electronic equipment
MIL-STD-681	Identification coding and application of hook-up wire
MIL-W-76B	General purpose hook-up wire for internal wiring of electronic equipment. Temperature range of -40C to 80C. Vinyl types LW, MW, HW for service up to 2500 volts, polyethylene type HF, 1000 volts
MIL-W-583	Electrical magnet wire
MIL-W-3093	Insulated wire, W-121, W-122, W-123, WD15/U, WD-16, WF-9/U, WT-3/U (distributing frame wires)
MIL-W-3104	Insulated wire, No. 20 AWG, extra flexible
MIL-W-3861	Uninsulated copper conductors. Solid, bunched, concentric and rope constructions
MIL-W-3975	Electrical wire, tinsel
MIL-W-5086	600 volt aircraft wire using copper conductors
MIL-W-5088	Installation of wiring and wiring devices in aircraft
MIL-W-5274	Spec for aircraft wire. Type I 600V, Type II 600V, Type III 300V ratings
MIL-W-5569	Insulated aircraft antenna wire, WS-5C/U
MIL-W-5845	Iron and Constantan thermocouple wire
MIL-W-5846	Chrome and Alumel thermocouple wire
MIL-W-5908	Copper and Constantan thermocouple wire
MIL-W-6370	Insulated wire for external aircraft antennas

Callout	Description
MIL-W-7072	600 volt aircraft wire using aluminum conductors
MIL-W-7139	600 volt Teflon TFE tape insulated wire for aircraft and missile use
MIL-W-7500	Electrical wire, WS-31-U
MIL-W-8160	Installation of wiring in guided missiles
MIL-W-8777	600 volt aircraft wire with silicone rubber insulation
MIL-W-12341	Uninsulated copper conductors
MIL-W-12349	KEL F insulated hook-up wire
MIL-W-12410	General purpose hook-up wire, similar to MIL-W-76B
MIL-W-13074	Electrical wire, W-27 and WS-19U
MIL-W-13075	Electrical wire
MIL-W-13169	Electrical wire for instrument test leads
MIL-W-13241	Electrical wire
MIL-W-16878	Electrical hook-up wire. Includes vinyl types B, C, D - Teflon TFE types E, EE, ET - Teflon FEP types K, KK, KT - silicone rubber types F, FF, FFW and polyethylene type J
MIL-W-19150	Polyethylene insulated, nylon jacketed hard drawn copper wire
MIL-W-19583	(Navy) Electrical wire, high temperature magnet wire, film insulated
MIL-W-21306	Electrical wire, twisted pair, color coded switchboard
MIL-W-22759	Teflon TFE insulated hook-up wire
MIL-W-25038A	600 volt aircraft wire w/ asbestos insulation
MIL-W-27300	Teflon insulated 600 volt aircraft wire
MIL-W-27500	600 volt aircraft wire w/ Teflon TFE insulation
MIL-W-81044	Irradiated wire for aircraft and hook-up. Polyalkene and polyvinylidene flouride, Kynar
MIL-W-81381	Electrical wire polyimide insulated copper and copper ally, Kapton-H-Film
NAS-702	General purpose vinyl insulated hook-up wire for 105C operation
NAS-703	Teflon TFE insulated wire. Similar to Types E and EE of MIL-W-16878
KYNAR	Pennwalt Chemicals registered trademark
TEFLON	DuPont registered trademark