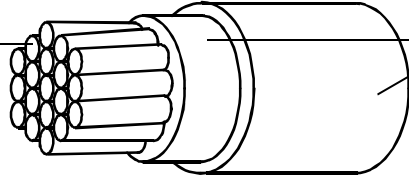


WIRE, ELECTRIC, RADIATION CROSSLINKED EXTRUDED, MODIFIED FLUOROPOLYMER INSULATED, LIGHTWEIGHT, 135°C, 600 VOLT

The complete requirements for procuring the wire described herein shall consist of this document.

**Conductor**

Silver Plated High Strength  
Copper Alloy (4) for size 24 and 26.  
Tin Copper (1) for size 22 to 8.



**Insulation**

Radiation Crosslinked  
Modified ETFE

Part Description	Wire Size Code	Conductor Stranding No./Diam. (mm)	Conductor Diameter (mm)		FINISHED WIRE							Def Stan 61-12(Part 33) Supplement 001 Table 10			
					Maximum Resistance @ 20°C (ohms/km)	Minimum Insulation Thickness (mm)	Outer Diameter (mm)			Weight (kg/km)		NSN 6145-99-	OD		Weight Max. (kg/km)
							Min.	Target	Max.	Target	Max.		Min. (mm)	Max. (mm)	
55D0214-26-*	001	19/0.10	0.45	0.47	149.0	0.17	0.82	0.86	0.89	1.96	2.10	038-3910	0.82	0.92	2.10
55D0214-24-*	002	19/0.12	0.55	0.57	106.0	0.17	0.93	0.97	1.00	2.68	2.82	038-3911	0.90	1.02	2.84
55D0211-22-*	004	19/0.15	0.70	0.73	60.0	0.17	1.09	1.12	1.15	3.95	4.10	038-3912	1.09	1.17	4.10
55D0211-20-*	006	19/0.20	0.94	0.98	33.2	0.17	1.33	1.38	1.43	6.64	6.95	038-3913	1.33	1.52	6.95
55D0211-18-*	010	19/0.25	1.18	1.21	21.0	0.17	1.55	1.60	1.65	9.18	9.76	038-3914	1.55	1.68	9.80
55D0211-16-*	012	19/0.30	1.32	1.37	15.3	0.17	1.71	1.78	1.84	12.48	12.91	038-3915	1.71	1.85	12.99
55D0211-14-*	020	37/0.25	1.68	1.71	10.5	0.17	2.03	2.10	2.16	18.05	18.47	038-3916	2.03	2.28	18.77
55D0211-12-*	030	37/0.32	2.12	2.18	6.70	0.17	2.52	2.60	2.67	27.69	28.52	038-3917	2.52	2.73	28.62
55D0211-10-*	050	37/0.40	2.69	2.73	4.00	0.17	3.27	3.43	3.59	46.00	47.74	038-3918	3.15	3.61	48.80
55D0211-8-*	090	133/0.29	4.01	4.20	2.28	0.17	4.55	4.73	4.90	82.58	89.74	891-9281	4.41	5.16	89.74

**COLOUR CODE:** The '\*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681.  
e.g. 55D0211-22-9 White outer jacket  
Inner Insulation light blue

**NOTE:** Nato Stock Numbers (NSN) apply to white wire only

**PERFORMANCE REQUIREMENTS:** To be tested to and meet the requirements of the issue in effect of Def Stan 61-12(Part 33) and Supplement 001, Table 10.

**MARKING REQUIREMENT:** Size 26 is not marked.  
Every 400 ± 100 mm.  
Mark shall be, e.g. 55D021#-XX DSP33/001-2Z-YYY-1U-\*.GB-SS-V  
Where: "#" = Conductor material either 4 or 1 (see above part description).  
"Z" = 'P' for size 24 to 26 and 'T' for size 22 to 8.  
"XX" = AWG size from part description.  
"YYY" = Wire Size Code.

**NOTE:** Colour code designator '\*' is NOT required for white wire.  
and "V" = the Year Code in accordance with the table below

Code:	18	19	20	21	22	23	24
Year:	2018	2019	2020	2021	2022	2023	2024

**NOTE:** This document does not cover Armament wire, refer to 55DA021Y.

**APPROVAL:** Electronic approval - no signatures will appear.