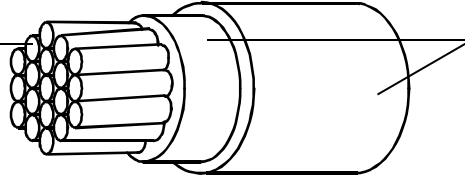


WIRE, ELECTRIC, RADIATION CROSSLINKED EXTRUDED, MODIFIED FLUOROPOLYMER INSULATED, LIGHTWEIGHT, 135°C, 600 VOLT

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.

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[C2016A.12.05](#) [C2016A.12.07](#) [C2065A.12.02](#) [C77653-000](#) [220368-001](#) [8916-GRY-500](#) [8918-RED-100](#) [8919-DK-BLU-1000](#) [8919-YEL-100](#)
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