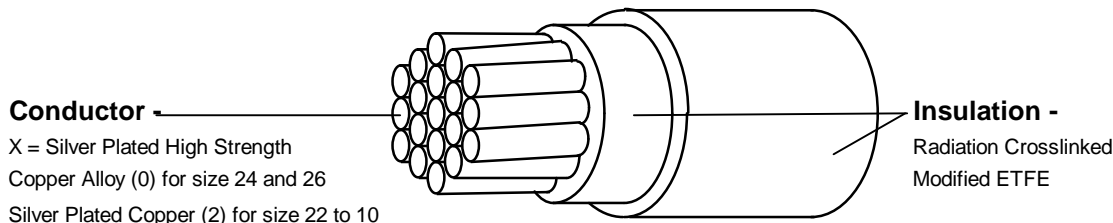


WIRE, ELECTRIC, RADIATION CROSSLINKED EXTRUDED, MODIFIED FLUOROPOLYMER INSULATED,  
 SILVER PLATED COPPER CONDUCTOR, LIGHTWEIGHT, 150°C, 600 VOLT

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



Part Description	Wire Size Code	Conductor			Finished Wire						NSN 6145-99-038-	Def Stan 61-12(Part 33) Supplement 001 Table 13			
		Stranding No./Diam. (mm)	Diameter (mm)		Maximum Resistance @ 20°C (ohms/km)	Minimum Total Wall Thickness (mm)	Diameter (mm)			Weight (kg/km)		OD		Weight (kg/km)	
			Min.	Max.			Min.	Target	Max.	Target		Max.	Min. (mm)		Max. (mm)
55D0210-26-*	001	19/0.10	0.45	0.47	149.0	0.20	0.89	0.94	0.98	2.15	2.31	4048	0.83	1.00	2.31
55D0210-24-*	002	19/0.12	0.55	0.57	106.0	0.20	1.06	1.10	1.15	3.05	3.23	4049	0.93	1.16	3.28
55D0212-22-*	004	19/0.15	0.70	0.73	55.3	0.20	1.16	1.20	1.25	4.19	4.41	4050	1.10	1.26	4.57
55D0212-20-*	006	19/0.20	0.94	0.98	31.0	0.20	1.38	1.43	1.48	6.83	7.15	4051	1.38	1.50	7.15
55D0212-18-*	010	19/0.25	1.19	1.22	19.6	0.20	1.61	1.67	1.73	9.72	10.30	4052	1.60	1.74	10.54
55D0212-16-*	012	19/0.29	1.32	1.35	14.8	0.20	1.75	1.81	1.87	12.73	13.23	4053	1.75	1.87	13.48
55D0212-14-*	020	37/0.25	1.68	1.71	10.2	0.20	2.24	2.33	2.41	19.10	20.26	4054	2.14	2.44	20.63
55D0212-12-*	030	37/0.32	2.12	2.16	6.40	0.20	2.66	2.77	2.87	30.05	30.92	4055	2.57	2.95	31.51
55D0212-10-*	050	37/0.40	2.69	2.73	4.00	0.20	3.26	3.38	3.50	45.28	47.39	4056	3.15	3.61	48.80

**COLOUR CODE:** The '\*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.  
 e.g. 55D0212-22-9 White outer jacket  
 Inner Insulation light blue

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

**PERFORMANCE REQUIREMENTS:** To be tested and meet the requirements of the issue in effect of Def Stan 61-12(Part 33) and Supplement 001, Table 13.

**MARKING REQUIREMENT:** Size 26 is not marked.  
 Every 400 ± 100 mm.  
 Mark shall be, e.g. 55D021#-XX DSP33/001-2S-YYY-1U-\*-GB-SS-V  
 Where: "#" = Conductor material either 0 or 2 (see above part description).  
 "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

<b>Code:</b>	10	11	12	13	14	15	16
<b>Year:</b>	2010	2011	2012	2013	2014	2015	2016

**NOTE:** This drawing does not cover Armament wires - refer to 55DA021X SCD.

**APPROVAL:** Electronic sign off - no signatures will appear.

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