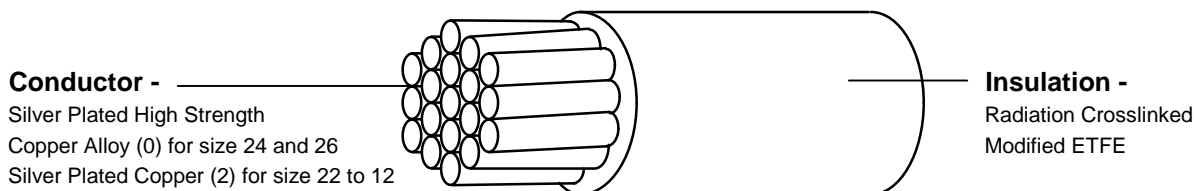


Specification Control Drawing

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								Def Stan 61-12(Part 33) Supplement 001 Table 7			
		Stranding No./Diam. (mm)	Diameter (mm)		Maximum Resistance @ 20°C (ohms/km)	Minimum Total Wall Thickness (mm)	Diameter (mm)			Weight (kg/km)		NSN 6145-99-038-	OD (mm)		Weight Max. (kg/km)
			Min.	Max.			Min.	Target	Max.	Target	Max.		Min.	Max.	
55D0110-26-*	001	19/0.10	0.45	0.47	149.00	0.13	0.72	0.75	0.79	1.72	1.85	4090	0.72	0.82	1.88
55D0110-24-*	002	19/0.12	0.55	0.57	106.00	0.13	0.81	0.85	0.89	2.38	2.52	4091	0.81	0.91	2.57
55D0112-22-*	004	19/0.15	0.70	0.73	55.30	0.13	0.98	1.02	1.06	3.64	3.82	4092	0.98	1.08	3.98
55D0112-20-*	006	19/0.20	0.94	0.98	31.00	0.13	1.21	1.25	1.30	6.20	6.47	4093	1.19	1.35	6.54
55D0112-18-*	010	19/0.25	1.19	1.22	19.60	0.13	1.48	1.53	1.58	9.12	9.63	4094	1.44	1.59	9.81
55D0112-16-*	012	19/0.29	1.32	1.35	14.80	0.13	1.62	1.67	1.72	12.08	12.51	4095	1.56	1.82	13.27
55D0112-14-*	020	37/0.25	1.68	1.71	10.20	0.13	1.94	2.01	2.08	17.08	18.31	4096	1.93	2.29	19.57
55D0112-12-*	030	37/0.32	2.12	2.16	6.40	0.13	2.38	2.47	2.55	27.98	28.66	4097	2.37	2.74	30.35

COLOUR CODE: The '*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681 or code 2L which shall be a good match to Munsell 2.5R 6.9 to 7.4, Federal Standard 595B - 31638 TO 31668 or RAL 3015.

e.g. 55D0112-22-9 White outer jacket

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 7.

MARKING REQUIREMENT: Size 26 is not marked.

Every 400 ± 100 mm.

Mark shall be, e.g. 55D011#-XX DSP33/001-1S-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

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

Information only: No Armament equivalent for finished goods.

NB: 2L colour coded wire used as Armament component only.

APPROVAL: Electronic sign off - no signatures will appear.

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