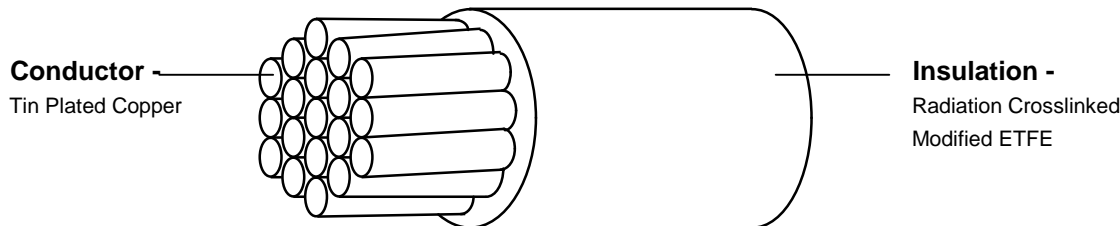


Specification Control Drawing

WIRE, MODIFIED FLUOROPOLYMER INSULATED, 600 VOLT, 135°C, LIGHTWEIGHT
 The complete requirements for procuring the wire described herein shall consist of this document.



Part Description	Conductor			Finished Wire								Def Stan 61-12(Part 33) Supplement 001 Table 4			
	Wire Size Code	Stranding No./Diam. (mm)	Diameter (mm)		Maximum Resistance @ 20°C (ohms/km)	Minimum Total Wall Thickness (mm)	Outside Diameter (mm)			Weight (kg/km)		NSN 6145-99-038-	OD (mm)		Weight (kg/km)
			Min.	Max.			Min.	Target	Max.	Target	Max.		Min.	Max.	
55D0111-22-*	004	19/0.15	0.70	0.73	60.0	0.13	0.98	1.02	1.06	3.66	3.82	3954	0.98	1.08	3.98
55D0111-20-*	006	19/0.20	0.94	0.98	33.2	0.13	1.21	1.25	1.30	6.20	6.47	3955	1.19	1.35	6.54
55D0111-18-*	010	19/0.25	1.18	1.21	21.0	0.13	1.44	1.50	1.57	8.78	9.43	3956	1.44	1.59	9.81
55D0111-16-*	012	19/0.29	1.34	1.37	15.3	0.13	1.62	1.67	1.72	11.78	12.24	3957	1.56	1.82	13.27
55D0111-14-*	020	37/0.25	1.68	1.71	10.5	0.13	1.94	2.01	2.08	17.28	18.31	3958	1.93	2.29	19.57
55D0111-12-*	030	37/0.32	2.12	2.18	6.70	0.13	2.39	2.48	2.56	26.88	27.78	3959	2.37	2.74	29.73

NOTE: For sizes 001 and 002 (size 26 and 24) use 55D011X SCD.

COLOUR CODE: The "*" in the part description is replaced by 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. 55D0111-22-9 White jacket

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 4.

MARKING REQUIREMENT: Every 400 ± 100 mm.
 Mark shall be, e.g. 55D0111-XX DSP33/001-1T-YYY-1U-*-GB-SS-V
 Where: "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: No Armament equivalent for finished goods.
 NB: 2L colour coded wire used for Armament component only.

APPROVAL: Electronic approval - no signatures will appear.

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