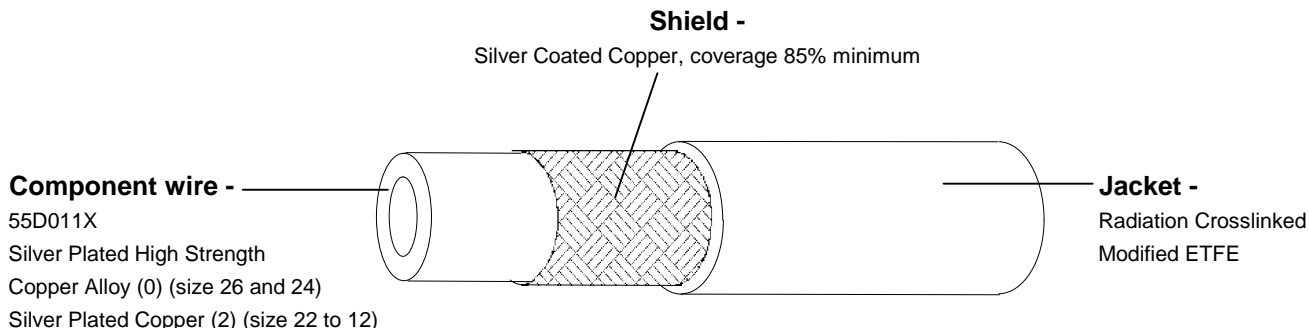


Specification Control Drawing

ONE CONDUCTOR CABLE, MODIFIED FLUOROPOLYMER INSULATED, SHIELDED AND JACKETED,
 LIGHTWEIGHT, 150°C, 600 VOLT

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



Part Description	Wire Size Code	Shield Size (mm)	Jacket Thickness Min. (mm)	Overall				NSN 6145-99-038-	Def Stan 61-12(Part 33) Supplement 001 Table 9	
				Diameter (mm)		Weight kg/km			OD Max. (mm)	Weight Max. (kg/km)
				Target	Max.	Target	Max.			
55D1110-26-*.*)	001	0.10	0.13	1.49	1.59	5.40	6.05	4154	1.72	6.54
55D1110-24-*.*)	002	0.10	0.13	1.59	1.69	6.41	7.10	4155	1.81	7.40
55D1112-22-*.*)	004	0.10	0.13	1.76	1.86	8.28	9.04	4156	1.98	9.66
55D1112-20-*.*)	006	0.10	0.13	1.99	2.09	11.67	12.61	4157	2.25	13.30
55D1112-18-*.*)	010	0.10	0.13	2.27	2.42	15.56	17.15	4158	2.49	18.92
55D1112-16-*.*)	012	0.10	0.13	2.41	2.56	19.01	20.58	4159	2.72	21.85
55D1112-14-*.*)	020	0.10	0.13	2.75	2.95	25.23	28.17	4160	3.19	30.18
55D1112-12-*.*)	030	0.10	0.13	3.21	3.41	37.75	40.44	4161	3.64	42.08

COLOUR CODE: The '*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.

e.g. 55D1112-24-9-9, core white, jacket white

NOTE: Nato Stock Numbers (NSN) apply to white - white cable 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 9.

MARKING REQUIREMENT: Every 400 ± 100 mm
 Mark shall be, e.g. 55D111#-XX DSP33/001-1S-YYY-1SJ-*.*)-GB-SS-V
 Where: "#" = Conductor material either 2 or 0 (see above part description)
 "XX" = AWG size from part description
 "YYY" = Wire Size Code

NOTE: Colour Code Designator "*.*)" is NOT required for white - white cable.
 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

This drawing does not cover Armament cables, refer to 55DA111X

APPROVAL: Electronic sign off - no signatures will appear.

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