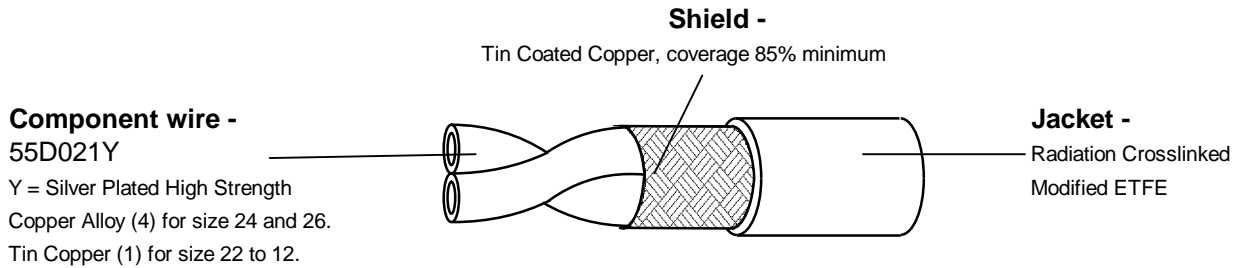


Specification Control Drawing

TWO CONDUCTOR CABLE, MODIFIED FLUOROPOLYMER INSULATED, SHIELDED AND JACKETED, LIGHTWEIGHT, 135°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 (mm)	Overall Diameter (mm)		Weight (kg/km)		NSN 6145-038-99-	Def Stan 61-12(Part 33) Supplement 001 Table 12	
				Min.	Target	Max.	Target		Max.	OD Max. (mm)
55D1224-26-*/*-*	001	0.10	0.15	2.52	2.62	10.61	11.59	3992	2.90	12.90
55D1224-24-*/*-*	002	0.10	0.15	2.74	2.84	12.73	13.77	3993	3.22	16.34
55D1221-22-*/*-*	004	0.10	0.15	3.04	3.14	16.22	17.32	3994	3.42	18.68
55D1221-20-*/*-*	006	0.10	0.15	3.56	3.66	23.27	24.77	3995	3.90	25.86
55D1221-18-*/*-*	010	0.10	0.15	3.99	4.14	29.75	32.37	3996	4.38	33.78
55D1221-16-*/*-*	012	0.10	0.15	4.35	4.50	37.55	39.92	3997	4.64	41.30
55D1221-14-*/*-*	020	0.10	0.15	4.99	5.19	50.80	53.94	3998	5.84	59.53
55D1221-12-*/*-*	030	0.10	0.15	5.99	6.19	73.41	77.69	3999	6.86	84.82

COLOUR CODE: The '*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681.
 e.g. 55D1224-24-2/6-9, core red/blue, jacket white.

NOTE: Nato Stock Numbers (NSN) apply to red/blue wire - white jacket 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 12.

MARKING REQUIREMENT: Every 400 ± 100 mm.
 Mark shall be, e.g. 55D122#-XX DSP33/001-2Z-YYY-2SJ-*/*-*-GB-SS-V
 Where:
 "#" = Conductor material either 4 or 1 (see above part description).
 "XX" = AWG size from part description
 "Z" = 'P' for size 26 to 24 and 'T' size 22 to 12.
 "YYY" = Wire size code,

NOTE: Colour code designator '*/*-*' is NOT required for red/blue-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

NOTE: This drawing does not cover Armament wires - refer to 55DA122Y.

APPROVAL: Electronic approval - no signatures will appear.

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