

TWO CONDUCTOR CABLE, MODIFIED FLUOROPOLYMER INSULATED JACKET,
LIGHTWEIGHT, 150°C, 600 VOLT

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

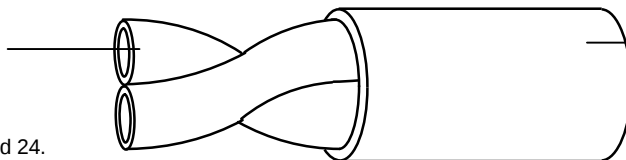
Component wire -

55D021X

Silver Plated High Strength

Copper Alloy (0) for size 26 and 24.

Silver Copper (2) for size 22 to 10.



Jacket -

Radiation Crosslinked

Modified ETFE

Part Description	Wire Size Code	Jacket Thickness (mm)	Overall				NSN 6145- 99- 378-	Def Stan 61-12(Part 33) Supplement 001 Table 14	
			Diameter (mm)		Weight (kg/km)			Max. OD (mm)	Max. Weight (kg/km)
		Min.	Target	Max.	Target	Max.			
55D4220-26-*/*-*	001	0.15	2.23	2.33	6.54	6.69	4177	2.40	7.02
55D4220-24-*/*-*	002	0.15	2.57	2.67	8.71	8.85	4178	2.75	9.43
55D4222-22-*/*-*	004	0.15	2.77	2.87	11.22	11.41	4179	2.95	12.05
55D4222-20-*/*-*	006	0.15	3.22	3.33	17.02	17.35	4180	3.42	18.21
55D4222-18-*/*-*	010	0.15	3.69	3.85	23.35	24.48	4181	3.96	25.52
55D4222-16-*/*-*	012	0.15	3.97	4.13	29.70	30.67	4182	4.23	32.35
55D4222-14-*/*-*	020	0.15	5.01	5.22	43.65	46.36	4183	5.34	46.86
55D4222-12-*/*-*	030	0.15	5.89	6.09	66.62	68.57	4184	6.36	70.07
55D4222-10-*/*-*	050	0.15	7.12	7.32	98.57	102.84	4185	7.68	106.11

COLOUR CODE: The '*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.
e.g. 55D4220-24-2/6-9, core red, blue, jacket white

Unless otherwise specified by the purchaser component colours to be: red and blue.

NOTE: Nato Stock Numbers (NSN) apply to red/blue cores - white jacket cable only.

PERFORMANCE REQUIREMENTS: To be tested to and meet the requirements of the issue in effect of 'Defence Standard 61-12(Part 33) and Supplement 001, Table 14.

MARKING REQUIREMENT: Every 400 ± 100 mm
Mark shall be, e.g. 55D422#-XX DSP33/001-2S-YYY-2J-*/*-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 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

Information only: No Armament equivalent.

APPROVAL: Electronic sign off - no signatures will appear.

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