

## ONE 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.

	Shield - Tin Coated Copper, coverage 85% minimum	
<b>Component wire -</b> 55D021Y Y = Silver Plated High Strength Copper Alloy (4) for size 24 and 26 Tin Copper (1) for size 22 to 12		<ul> <li>Jacket -</li> <li>Radiation Crosslinked</li> <li>Modified ETFE</li> </ul>

Part	Wire	Shield	Jacket	Ove	erall	We	ight	NSN	Def Stan 61	-12(Part 33)
Description	Size	Size	Thickness	Diameter (kg/km)		6145-	Supplement 001 Table 12			
			(mm)	(m	m)			038-	OD	Weight
	Code	(mm)	Min.	Target	Max.	Target	Max.	99-	Max. (mm)	Max. (kg/km)
55D1214-26-*-*	001	0.10	0.15	1.66	1.82	6.29	7.30	3984	1.90	7.81
55D1214-24-*-*	002	0.10	0.15	1.77	1.92	7.41	8.41	3985	2.06	9.51
55D1211-22-*-*	004	0.10	0.15	1.92	2.08	9.23	10.37	3986	2.16	10.98
55D1211-20-*-*	006	0.10	0.15	2.18	2.34	12.90	14.33	3987	2.40	14.44
55D1211-18-*-*	010	0.10	0.15	2.40	2.61	16.24	18.40	3988	2.64	18.71
55D1211-16-*-*	012	0.10	0.15	2.58	2.76	20.21	22.11	3989	2.77	22.12
55D1211-14-*-*	020	0.10	0.15	2.90	3.16	26.97	29.72	3990	3.40	32.08
55D1211-12-*-*	030	0.10	0.15	3.40	3.66	38.46	41.99	3991	3.91	45.28

COLOUR CODE:	The '*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681. e.g. 55D1214-24-9-9, core white, jacket white. Nato Stock Numbers (NSN) apply to white 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 mm ±100 mm. Mark shall be, e.g. 55D121Y-XX DSP33/001-2Z-YYY-1SJ-*-*-GB-SS-V Where: "Y" = Conductor material either 4 or 1 (see above part description). "XX" = AWG size from part description. "Z" = 'P' for size 26 and 24 and 'T' for size 22 to 12.

- "YYY" = Wire size code.
- Colour code designator '\*-\*' is not required for white-white cable. NOTE:
- and "V" = the Year Code in accordance with the table below

Code:	11	12	13	14	15	16	17
Year:	2011	2012	2013	2014	2015	2016	2017

NOTE:

This drawing does not cover Armament wires - refer to 55DA121Y.

## APPROVAL:

Electronic approval - no signatures will appear.

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