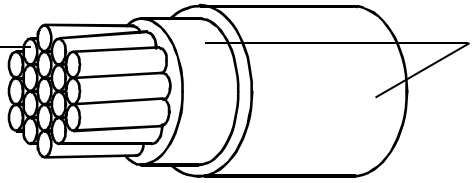
WIRE, ELECTRIC, RADIATION CROSSLINKED EXTRUDED, MODIFIED FLUOROPOLYMER INSULATED, LIGHTWEIGHT, 135°C, 600 VOLT

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

Conductor -
Silver Plated High Strength
Copper Alloy (4) for size 24 and 26.
Tin Copper (1) for size 22 to 8.



Insulation -
Radiation Crosslinked
Modified ETFE

Part Description	Wire Size Code	Conductor Stranding No./Diam. (mm)	Conductor Diameter (mm)		FINISHED WIRE								*Def Stan 61-12(Part 33) Supplement 001 Table 10*		
					Maximum Resistance @ 20°C	Minimum Insulation Thickness	Outer Diameter (mm)			Weight (kg/km)		NSN 6145-99-	*OD*		*Weight*
			Min.	Max.	(ohms/km)	(mm)	Min.	Target	Max.	Target	Max.		*Min. (mm)*	*Max. (mm)*	*Max. (kg/km)*
55D0214-26-*	001	19/0.10	0.45	0.47	149.0	0.17	0.82	0.86	0.89	1.96	2.10	038-3910	*0.82*	*0.92*	*2.10*
55D0214-24-*	002	19/0.12	0.55	0.57	106.0	0.17	0.93	0.97	1.00	2.68	2.82	038-3911	*0.90*	*1.02*	*2.84*
55D0211-22-*	004	19/0.15	0.70	0.73	60.0	0.17	1.09	1.12	1.15	3.95	4.10	038-3912	*1.09*	*1.17*	*4.10*
55D0211-20-*	006	19/0.20	0.94	0.98	33.2	0.17	1.33	1.38	1.43	6.64	6.95	038-3913	*1.33*	*1.52*	*6.95*
55D0211-18-*	010	19/0.25	1.18	1.21	21.0	0.17	1.55	1.60	1.65	9.18	9.76	038-3914	*1.55*	*1.68*	*9.80*
55D0211-16-*	012	19/0.30	1.32	1.37	15.3	0.17	1.71	1.78	1.84	12.48	12.91	038-3915	*1.71*	*1.85*	*12.99*
55D0211-14-*	020	37/0.25	1.68	1.71	10.5	0.17	2.03	2.10	2.16	18.05	18.47	038-3916	*2.03*	*2.28*	*18.77*
55D0211-12-*	030	37/0.32	2.12	2.18	6.70	0.17	2.52	2.60	2.67	27.69	28.52	038-3917	*2.52*	*2.73*	*28.62*
55D0211-10-*	050	37/0.40	2.69	2.73	4.00	0.17	3.27	3.43	3.59	46.00	47.74	038-3918	*3.15*	*3.61*	*48.80*
55D0211-8-*	090	133/0.29	4.01	4.20	2.28	0.17	4.55	4.73	4.90	82.58	89.74	891-9281	*4.41*	*5.16*	*89.74*

COLOUR CODE: The '*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681.
e.g. 55D0211-22-9 White outer jacket
Inner Insulation light blue

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 10.

MARKING REQUIREMENT: Size 26 is not marked.
Every 400 ± 100 mm.
Mark shall be, e.g. 55D021#-XX DSP33/001-2Z-YYY-1U-*-GB-SS-V
Where: "#" = Conductor material either 4 or 1 (see above part description).
"Z" = 'P' for size 24 to 26 and 'T' for size 22 to 8.
"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:	18	19	20	21	22	23	24
Year:	2018	2019	2020	2021	2022	2023	2024

NOTE: This document does not cover Armament wire, refer to 55DA021Y.

APPROVAL: Electronic approval - no signatures will appear.

Tyco Electronics UK Ltd.
Faraday Road
Dorcan
SWINDON
SN3 5HH
Tel: +44 (0)1793 528171
Fax: +44 (0)1793 572516

TE Connectivity is a trading name of Tyco Electronics UK Ltd,
Which is registered in England and Wales, number 550926.
Registered office: Faraday Road, Dorcan, Swindon, SN3 5HH
Website : www.te.com

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