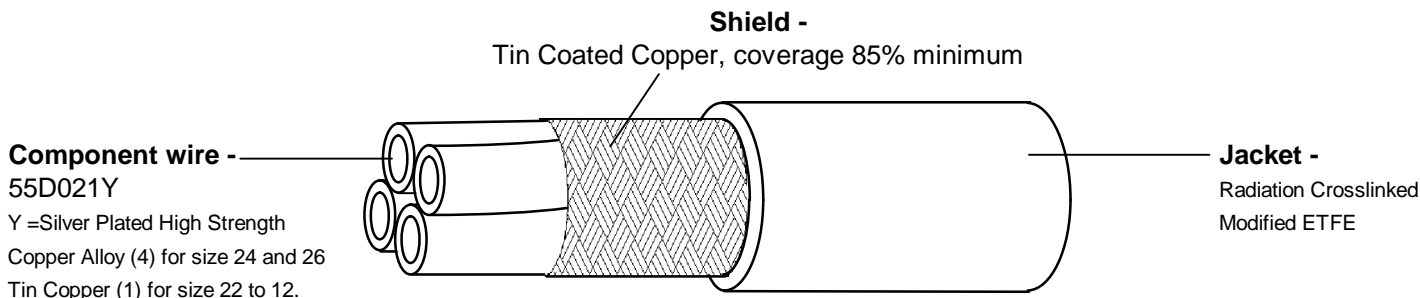


Specification Control Drawing

FOUR 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.



**Component wire -**  
55D021Y  
Y = Silver Plated High Strength  
Copper Alloy (4) for size 24 and 26  
Tin Copper (1) for size 22 to 12.

**Jacket -**  
Radiation Crosslinked  
Modified ETFE

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)	Weight Max. (kg/km)
				55D1244-26-*/**/*-*	001	0.10	0.15		2.87	2.97	16.80
55D1244-24-*/**/*-*	002	0.10	0.15	3.14	3.24	20.59	22.19	4009	3.71	26.64	
55D1241-22-*/**/*-*	004	0.10	0.15	3.49	3.59	26.96	28.64	4010	3.95	31.04	
55D1241-20-*/**/*-*	006	0.10	0.15	4.13	4.23	39.98	42.40	4011	4.53	44.49	
55D1241-18-*/**/*-*	010	0.10	0.15	4.65	4.80	52.02	56.32	4012	5.11	59.43	
55D1241-16-*/**/*-*	012	0.10	0.15	5.08	5.23	66.82	70.58	4013	5.49	73.58	
55D1241-14-*/**/*-*	020	0.10	0.15	5.85	6.05	91.91	96.70	4014	6.86	107.41	
55D1241-12-*/**/*-*	030	0.10	0.15	7.06	7.26	134.87	141.74	4015	8.10	156.50	

**COLOUR CODE:** The '\*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681.  
e.g. 55D1244-24-2/6/4/5-9, core red, blue, yellow and green, jacket white.  
Unless otherwise specified by the purchaser component colours to be red, blue, yellow and green.

**NOTE:** Nato Stock Numbers (NSN) apply to red/blue/yellow/green 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. 55D124#-XX DSP33/001-2Z-YYY-4SJ-\*/\*\*/\*-\*-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' for size 22 to 12.  
"YYY" = Wire size code,

**NOTE:** Colour Code Designator "\*/\*\*/\*-\*" is NOT required for red/blue/yellow/green - 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 55DA124Y.

**APPROVAL:** Electronic approval - no signatures will appear.

Tyco Electronics UK Ltd  
Faraday Road  
Dorcan  
SWINDON  
SN3 5HH  
UK

Registration Number:  
550926 London, England

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Tel: 0800 267666  
Fax: 01793 572516

Website: [www.tycoelectronics.com](http://www.tycoelectronics.com)  
Email: [picuk@tycoelectronics.com](mailto:picuk@tycoelectronics.com)