

Def Stan 61-12 PART 5 Cable

Defence Standard Def Stan 61-12 Part 5 describes compact multi-core, multi-stranded cables for use in high-intensity applications including data processing, process control and other industrial applications.

Individual wires are made up from 16 strands of 0.20mm tinned copper wire Type 2 PVC insulated with Type TM2 PVC outer jacket. Options available include a collective tinned copper braid screen, or with individually screened cores. Available in lengths of 100m, 500m, 1000m and 5000m

The products can be adapted with a huge variety of material types such as PE, PUR, TPE, LSZH etc and can be adjusted with customer selected jacket colours and print legends at request.

Unscreened

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
16-2-2A	2	16/0.20 TCW	5.10	5.90	34
16-2-3A	3	16/0.20 TCW	5.40	6.20	42
16-2-4A	4	16/0.20 TCW	5.90	6.70	52
16-2-6A	6	16/0.20 TCW	6.90	7.70	75
16-2-12A	12	16/0.20 TCW	9.10	9.90	120
16-2-18A	18	16/0.20 TCW	10.50	11.50	180
16-2-25A	25	16/0.20 TCW	12.60	13.60	230

Collectively Screened

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
16-2-2C	2	16/0.20 TCW	4.45	4.95	69
16-2-3C	3	16/0.20 TCW	4.75	5.25	79
16-2-4C	4	16/0.20 TCW	5.90	5.90	92
16-2-6C	6	16/0.20 TCW	6.10	6.10	120
16-2-12C	12	16/0.20 TCW	8.30	8.30	190
16-2-18C	18	16/0.20 TCW	9.80	9.80	250
16-2-25C	25	16/0.20 TCW	11.80	11.80	320
16-2-32C	32	16/0.20 TCW	13.40	13.40	450

Individual Screened Cores

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
16-2-2D	2	16/0.20 TCW	6.00	6.80	47
16-2-3D	3	16/0.20 TCW	6.40	7.20	60
16-2-4D	4	16/0.20 TCW	7.00	7.80	75
16-2-6D	6	16/0.20 TCW	8.30	9.10	110
16-2-12D	12	16/0.20 TCW	10.80	11.80	190
16-2-18D	18	16/0.20 TCW	12.80	13.80	270
16-2-25D	25	16/0.20 TCW	15.30	16.50	360

Overall Foil Screened

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
16-2-2S	2	16/0.20 TCW	4.40	5.20	37
16-2-3S	3	16/0.20 TCW	5.60	6.40	55
16-2-4S	4	16/0.20 TCW	5.80	6.60	60
16-2-6S	6	16/0.20 TCW	6.80	7.60	81
16-2-12S	12	16/0.20 TCW	9.30	10.10	132
16-2-18S	18	16/0.20 TCW	12.10	13.10	198
16-2-25S	25	16/0.20 TCW	13.60	14.60	269

Def Stan Colour Codes

1	Red	7	Brown	13	Red/Blue	19	Yellow/Blue	25	Yellow/Green	31	White/Brown
2	Blue	8	Violet	14	Green/Red	20	White/Blue	26	Yellow/Green**	32	Brown/Black
3	Green	9	Orange	15	Yellow/Red	21	Blue/Black	27	Green/Black	33	Grey/Brown
4	Yellow	10	Pink	16	White/Red	22	Orange/Blue*	28	Orange/Green**	34	Yellow/Violet
5	White	11	Turquoise	17	Red/Black	23	Green/Blue*	29	Grey/Green	35	Violet/Black
6	Black	12	Grey	18	Red/Brown	24	Grey/Blue*	30	Yellow/Brown	36	White/Violet

Note: The colour code for 25 conductors and above have core colours 23 & 24 * replaced with colours 26 & 28

Ordering: Example 16-2-6A-PVC-100M

Strands per wire	Wire size mm	Conductors	Screen	Material	LENGTH
16	-2	-6	A	-PVC	-100M
<i>Translates to:</i>	16/0.2mm	6 wires	Unscreened	Type 2 PVC	100m reel