

Def Stan 61-12 PART 4 Cable

Defence Standard Def Stan 61-12 Part 4 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 7 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	
7-2-2A	2	7/0.20 TCW	3.10	3.60	13
7-2-3A	3	7/0.20 TCW	3.30	3.80	16
7-2-4A	4	7/0.20 TCW	3.36	4.10	20
7-2-6A	6	7/0.20 TCW	4.30	4.80	30
7-2-12A	12	7/0.20 TCW	5.80	6.40	53
7-2-18A	18	7/0.20 TCW	7.10	7.70	80
7-2-25A	25	7/0.20 TCW	8.40	9.00	100
7-2-36A	36	7/0.20 TCW	9.50	10.10	140

Collectively Screened

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
7-2-2C	2	7/0.20 TCW	3.40	4.10	23
7-2-3C	3	7/0.20 TCW	3.60	4.30	27
7-2-4C	4	7/0.20 TCW	3.70	4.60	32
7-2-6C	6	7/0.20 TCW	4.70	5.90	55
7-2-12C	12	7/0.20 TCW	6.10	7.20	83
7-2-18C	18	7/0.20 TCW	7.90	8.50	110
7-2-25C	25	7/0.20 TCW	9.20	9.80	150
7-2-36C	36	7/0.20 TCW	10.40	11.20	200

Individual Screened Cores

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
7-2-2D	2	7/0.20 TCW	4.00	4.50	22
7-2-3D	3	7/0.20 TCW	4.30	4.80	29
7-2-4D	4	7/0.20 TCW	4.80	5.40	40
7-2-6D	6	7/0.20 TCW	5.80	6.40	58
7-2-12D	12	7/0.20 TCW	7.90	8.50	110
7-2-18D	18	7/0.20 TCW	9.30	9.90	150
7-2-25D	25	7/0.20 TCW	11.30	12.10	210
7-2-36D	36	7/0.20 TCW	12.70	13.50	290

Overall Foil Screened

Code	No of Cores	Conductor	Diameter mm		Weight (Kg / Km)
			Min.	Max	
7-2-2S	2	7/0.20 TCW	3.65	4.15	23
7-2-3S	3	7/0.20 TCW	3.75	4.25	28
7-2-4S	4	7/0.20 TCW	4.23	4.97	31
7-2-6S	6	7/0.20 TCW	5.25	5.75	52
7-2-12S	12	7/0.20 TCW	6.50	7.10	79
7-2-18S	18	7/0.20 TCW	7.60	8.20	103
7-2-25S	25	7/0.20 TCW	8.50	9.10	141
7-2-36S	36	7/0.20 TCW	10.20	10.80	175

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 7-2-6A-PVC-100M

Strands per wire	Wire size mm	Conductors	Screen	Material	LENGTH
7	-2	-6	A	PVC	-100M
<i>Translates to:</i>	7/0.2mm	6 wires	Unscreened	Type 2 PVC	100m reel