

7-2-xxA & 7-2-xxC Series

PRO-POWER
Quality Cables

Defence Standard 61-12 Part 4

Type 7-2-xxA



Type 7-2-xxC



Applications

These cables are suitable as interconnections between and within instruments and electrical equipment for such applications as data transmission and process control.

Technical Data

Maximum operating temperature	: +70°C.
Minimum ambient temperature	: -55°C after installation and only when cable is in a fixed position.
Current rating	: Maximum of 1A per core.
Maximum working voltage	: (U _o /U) - 440V rms at frequencies up to 1600Hz.
Test voltage	: 1000V. Rms between conductors and between conductors and screen, where applicable.
Maximum conductor resistance	: 92Ω/Km at 20°C.
Minimum insulation resistance	: 100MΩ/Km at 20°C.
Conductor area	: 0.22mm ² per core.
Sheath colour	: Black.

DEF STAN 61-12 Part 4 Unscreened

Type 7-2-xxA

Construction

- 7/0.2mm tinned annealed copper conductor.
- Type 2 PVC insulation to BS 7655 nominal thickness 0.3mm.
- Polyester binder tape.
- Type 6 PVC sheath Black to BS 7655.

DEF STAN 61-12 Part 4 Screened

Type 7-2-xxC

Construction

- 7/0.2mm tinned annealed copper conductor.
- Type 2 PVC insulation to BS 7655 nominal thickness 0.3mm.
- Polyester binder tape.
- Tinned annealed copper wire braid screen.
- Type 6 PVC sheath Black to BS 7655.

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IDENTIFICATION

Number of Cores	Colour
1	Red
2	Blue
3	Green
4	Yellow
5	White
6	Black
7	Brown
8	Violet
9	Orange
10	Pink
11	Turquoise
12	Grey
13	RED/Blue
14	GREEN/Red
15	YELLOW/Red
16	WHITE/Red
17	RED/Black
18	RED/Brown
19	YELLOW/Blue
20	WHITE/Blue
21	BLUE/Black
22	ORANGE/Blue
23	GREEN/Blue
24	GREY/Blue
25	YELLOW/Green
26	WHITE/Green
27	GREEN/Black
28	ORANGE/Green
29	GREY/Green
30	YELLOW/Brown
31	WHITE/Brown
32	BROWN/Black
33	GREY/Brown
34	YELLOW/Violet
35	VIOLET/Black
36	WHITE/Violet

Note: For bi-coloured cores the base colour is shown in capitals.

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PHYSICAL DATA

Cable Reference	Number of Cores	Maximum Diameter of Cable	Length (m)	Type	Part Number	
7-2-2A	2	3.6	25	Unscreened	850002 25M	
			100		850002 100M	
7-2-3A	3	3.8	25		850017	
			100		850017 100M	
7-2-4A	4	4.1	25		850003 25M	
			100		850003	
7-2-6A	6	4.8	25		850004	
			100		850004 100M	
7-2-8A	8	-	25		850018 25M	
			100		850018 100M	
7-2-12A	12	6.4	25		850005 25M	
			100		850005 100M	
7-2-18A	18	7.7	25		850006 25M	
			100		850006 100M	
7-2-20A	20	-	25		860006 25M	
			100		850023 100M	
7-2-25A	25	9.0	25		850007 25M	
			100		850007 100M	
7-2-36A	36	10.1	25		850008 25M	
			100		850008 100M	
7-2-2C	2	4.1	25		Screened	860001 25M
			100			860001 100M
7-2-3C	3	4.3	25			860026 25M
			100			860026
7-2-4C	4	4.6	25	860002 25M		
			100	860002 100M		
			500	7-2-4 SCREENED		
7-2-6C	6	5.9	25	860003 25M		
			100	860003 100M		
7-2-8C	8	-	25	860028 25M		
			100	860028 100M		
			500	7-2-8 SCREENED		

Dimensions : Millimetres (Unless Specified)

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PHYSICAL DATA

Cable Reference	Number of Cores	Maximum Diameter of Cable	Length (m)	Type	Part Number
7-2-10C	10	-	25	Screened	860201 25M
			100		860201 100M
7-2-12C	12	7.2	25		860004
			100		860004 100M
			500		7-2-12 SCREENED
7-2-15C	15	-	25		860204
			100		860204 100M
7-2-18C	18	8.5	25		860005 25M
			100		860005 100M
7-2-20C	20	-	25		850007 100M
			100		860087 100M
7-2-25C	25	9.8	25		860006 25M
			100		860006 100M
7-2-36C	36	11.2	25		860007 25M
			100		860007 100M

Dimensions : Millimetres (Unless Specified)

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Notes:

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