

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

Defence Standard 61-12 Part 4

pro-POWER

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

Max. Operating Temperature	: +70°C
Min. Ambient Temperature	: -55°C after installation and only when cable is in a fixed position
Current Rating	: Max. of 1A per core
Max. Working Voltage	: (U _o /U) - 440V rms at frequencies up to 1,600Hz
Test Voltage	: 1,000V. Rms between conductors and between conductors and screen, where applicable
Max. Conductor Resistance	: 92Ω/Km at 20°C
Min. 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

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

Defence Standard 61-12 Part 4



Identification

Number of Cores	Colour
2	Blue
3	Green
4	Yellow
8	Violet
12	Grey
15	YELLOW / Red
18	RED / Brown
20	WHITE /Blue
25	YELLOW / Green
36	WHITE / Violet

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

Part Number Table

Description	Part Number
Cable, screen, 36core, 7/0.2mm, 25m	860007 25M.
Cable, screen, 36core, 7/0.2mm, 100m	860007 100M.
Cable, 3 core, 0.22mm, 100m, 440v	850017 100M
Cable, 4 core, 0.22mm, 100m, 440v	850003
Cable, 2 core, 0.22mm, 100m, 440v	7000514
Cable, 4 core, 0.22mm, 100m, 440v	7000516
Cable, 8 core, 0.22mm, 25m, 440v, 1a	7000545
Cable, 8 core, 0.22mm, 100m, 440v	7000549
Cable, def 7-2-12c, 12core, 25m	7000560
Cable, def 7-2-12c, 12core, 100m	860004 100M
Cable, def 7-2-15c, 15core, 25m	7001249
Cable, def 7-2-15c, 15core, 100m	700125
Cable, def 7-2-18c, 18core, 25m	7001263
Cable, def 7-2-18c, 18core, 100m	7001264
Cable, def 7-2-25c, 25core, 25m	MC7225C-25M RI-BLK
Cable, def 7-2-25c, 25core, 100m	860006 100M
Cable, def 7-2-36c, 36core, 25m	860007 25M
Cable, def 7-2-36c, 36core, 100m	860007 100M
Cable, def 7-2-20a 20 core 100m	850023 100M.

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.

X-ON Electronics

Authorized Distributor

Click to view similar products for [Pro Power manufacturer](#).

Other Similar products are found below :

[PPCY4C075100M](#) [PPCY3C10050M](#) [PPC217](#) [PP001328](#) [PP001316](#) [PP001109](#) [PP001088](#)

[PP000940](#) [PP030](#) [PP000909](#) [PP001326](#) [PP001308](#) [PP000877](#) [PP000868](#) [PP000704](#)

[PP001163](#) [PP001156](#) [PP001085](#) [PP000510](#) [PP001076](#) [PP000944](#) [PP000914](#) [PP000407](#)

[PP000386](#) [PP000870](#)