

# 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 <sub>o</sub> /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 <sup>2</sup> 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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# 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.

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