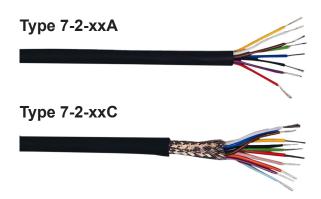
# 7-2-xxA & 7-2-xxC Series Defence Standard 61-12 Part 4





## **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 : (Uo/U) - 440V rms at frequencies up to 1,600Hz

Test Voltage : 1,000V. Rms between conductors and between conductors and screen, where applicable

 $\begin{array}{ll} \text{Max. Conductor Resistance} & : 92\Omega/\text{Km at }20^{\circ}\text{C} \\ \text{Min. Insulation Resistance} & : 100\text{M}\Omega/\text{Km at }20^{\circ}\text{C} \\ \text{Conductor Area} & : 0.22\text{mm}^{2}\text{ per core} \end{array}$ 

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
- Polyster 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
- Polyster 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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