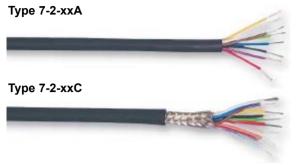
# 7-2-xxA and 7-2-xxC Series





## 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 Conductor Temperature	: +70°C
Minimum Ambient Temperature	: -55°C after installation and only when cable is in a fixed position
Current Rating	: Maximum of 1 A per core
Maximum Working Voltage	: (Uo / U) - 440 V rms at frequencies up to 1,600 Hz
Test Voltage	: 1,000 V rms between conductors and between conductors and screen, where applicable
Maximum Conductor Resistance	: 92 Ω / Km at 20°C
Minimum Insulation Resistance	: 100 MΩ / Km at 20°C
Conductor Area	: 0.22 mm <sup>2</sup> per core
Sheath Colour	: Black

#### Type 7-2-xxA Construction

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

#### Type 7-2-xxC Construction

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

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# pro-**Power**

### **Physical Data**

Cable Reference	Number of Cores	Colours	Maximum Diameter of Cable	Length (m)	Туре	Part Number
7-2-2A 2	Blue	3.4	25		850002 25M	
			100		850002 100M	
7-2-3A	3	Green	3.5	25	-	850017 25M
7-2-4A	4	Yellow	3.9	25		850003 25M
7-2-6A 6	Black	4.6	25		850004 25M	
			100		850004 100M	
7-2-8A	8	Violet	5.5	25	1	850018 25M
7-2-12A 12	Grey	6.1	25	Unscreened	850005 25M	
			100		850005 100M	
7-2-18A 18	Red / Brown	7.4	25		850006 25M	
			100		850006 100M	
7-2-20A 20	White / Blue	7.8	25		850023 25M	
			100		850023 100M	
7-2-25A 25	Yellow / Green	8.7	25		850007 25M	
			100		850007 100M	
7-2-36A	36	White / Violet	9.8	100	]	850008 100M

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

Please note: 25 core cables comply with chart except that cores 23 and 24 are coloured white / green and orange / green instead of colours listed

First colour listed is primary shade striped/dotted with secondary colours

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