

# PVC Multicore Screened SY Control Cables

pro-ELEC

## SY Multicore Control Cable

RoHS  
Compliant



## Application

Steel wire braided, flexible connecting cables for instrumentation and control equipment, tooling machinery production lines, and in flexible applications for free movement without tensile load. Suitable for use in dry, moist and wet rooms. Thegalvanised steel wire braid serves as protection against mechanical traverse loads and acts as a magnetic screen against interference. Not used for outdoor or underground installation.

## Standards

VDE 0250 BS EN 50525-1, BS EN 50525-2-51, BS EN 50525-2-11

## Characteristics

### Voltage Rating

300V/500V

### Temperature Rating

Fixed: -40°C to + 80°C

Flexed: -5°C to +70°C

### Minimum Bending Radius

Fixed: 10x overall diameter

Flexed: 20x overall diameter

## Construction

### Conductors

Class 5 flexible plain copper

### Insulation

PVC (Polyvinyl Chloride)

### Inner Jacket

PVC (Polyvinyl Chloride)

### Armour

GSWB (Galvanised Steel Wire Braid)

### Jacket

PVC (Polyvinyl Chloride)

### Jacket Colour

Transparent

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Part Number Table				
Part Number		Overall Dia.	Nominal CSA	No. of Cores
50m	100m			
PELB0996	PELB0997	7.3mm	0.75mm <sup>2</sup>	2
PELB0998	PELB0999	7.6mm	1mm <sup>2</sup>	
PELB1000	PELB1001	8.1mm	1.5mm <sup>2</sup>	
PELB1002	PELB1003	7.6mm	0.75mm <sup>2</sup>	3
PELB1004	PELB1005	8.1mm	1mm <sup>2</sup>	
PELB1006	PELB1007	8.6mm	1.5mm <sup>2</sup>	
PELB1008	PELB1009	9.8mm	2.5mm <sup>2</sup>	
PELB1010	PELB1011	8.1mm	0.75mm <sup>2</sup>	4
PELB1012	PELB1013	8.7mm	1mm <sup>2</sup>	
PELB1014	PELB1015	9.3mm	1.5mm <sup>2</sup>	
PELB1016	PELB1017	10.8mm	2.5mm <sup>2</sup>	
PELB1018		12.7mm	4mm <sup>2</sup>	
PELB1019		14.4mm	6mm <sup>2</sup>	
PELB1020	PELB1021	8.9mm	0.75mm	5
PELB1022	PELB1023	9.2mm	1mm	
PELB1024	PELB1025	10.1mm	1.5mm	
PELB1026	PELB1027	11.7mm	2.5mm	
PELB1028		14.1mm	4mm	

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