

## FEATURES

- Ideal for space saving installations
- CY has a tinned copper wire braid screen
- Flexible cable with copper conductors
- White numbers on the outer sheath

## RS PRO 7 Core CY Control Cable 1mm<sup>2</sup>, 50m, Screened

RS Stock No.: 827-4170



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

The CY control cables from RS PRO are number coded and are reliable connecting cables which combine the characteristics of a flexible mains cable coupled with saving space due to the small cable diameters suitable for both fixed and flexible installations

### General Specifications

<b>Cable Shape</b>	Multicore
<b>Screened/Unscreened</b>	Screened
<b>Screen Type</b>	Tinned Copper Braid
<b>Sheath Colour</b>	Grey
<b>Sheath Material</b>	Polyvinyl Chloride PVC
<b>Filler Material</b>	Non-Wicking Filler
<b>Fire Behaviour</b>	Flame Retardant
<b>Applications</b>	Plant engineering, Conveyor and transport systems, Heating and air-conditioning systems

### Electrical Specifications

<b>Current Rating</b>	15A
<b>Voltage Rating</b>	300V/500V
<b>Conductor Resistance</b>	19.50/km
<b>Test Voltage</b>	2000VAC
<b>Earth Cable</b>	Yes
<b>Conductor Material</b>	Copper
<b>Insulation Material</b>	PVC

### Mechanical Specifications

<b>Length</b>	50m
<b>Number of Cores</b>	7
<b>Number of Strands</b>	32
<b>Size of Strands</b>	0.20mm
<b>Core Strands</b>	32/0.20mm
<b>Cross Sectional Area</b>	1mm <sup>2</sup>
<b>Outer Diameter</b>	8.6mm
<b>American Wire Gauge</b>	17
<b>Minimum Bend Radius</b>	Fixed - 6 x D Occasional Flexing - 20 x D
<b>Oil Resistant</b>	Yes
<b>Armoured</b>	No
<b>Weight</b>	134.3kg/km

### Operation Environment Specifications

Operating Temperature Range	Flexing:	Static:
		-5°C to 70°C
<b>Minimum Operating Temperature</b>	-5°C	40°C
<b>Maximum Operating Temperature</b>	70°C	80°C

### Approvals

<b>Compliance/Certifications</b>	RoHS Certificate Of Compliance
<b>Standards Met</b>	IEC 60228/VDE 0295, IEC 60 228 that is VDE 0295, class 5 ,IEC 60332.1 , ECD 73/23/EEC



Part Number	No. Cores x Cross Sectional Area (mm <sup>2</sup> )	Outer Diameter (mm)	Weight Kg/Km
8274139	CY 2x0.5	5.8	45.0
8274149	CY 3G0.5	6.1	59.0
8274158	CY 4G0.5	6.5	71.0
8274151	CY 5G0.5	7.0	86.0
8274167	CY 7G0.5	7.5	105.0
8274177	CY 12G0.5	9.9	104.0
8274192	CY 18G0.5	11.5	141.0
8274133	CY 2x0.75	5.9	49.0
8274155	CY 5G0.75	7.4	87.0
8274161	CY 7G0.75	8.0	109.0
8274186	CY 12G0.75	10.4	177.0
8274195	CY 18G0.75	12.1	254.0
8274142	CY 2x1.0	6.2	57.0
8274164	CY 5G1	8.0	110.0
8274170	CY 7G1	8.6	134.3
8274189	CY 12G1	11.3	217.0
8274199	CY 18G1	13.2	306.0
8274145	CY 2G1.5	7.0	70.0
8274183	CY 12G1.5	13.0	365.0
8274209	CY 18G1.5	14.8	405.0
8274173	CY 7G2.5	11.2	249.0

