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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 12 Core CY Control Cable 1mm², 50m, Screened

RS Stock No.: 827-4189



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.

CY Cable

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

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

Electrical Specifications

Current Rating	15A
Voltage Rating	300V/500V
Conductor Resistance	19.5O/km
Test Voltage	2000VAC
Earth Cable	Yes
Conductor Material	Copper
Insulation Material	PVC

CY Cable

Mechanical Specifications

Length	50m
Number of Cores	12
Number of Strands	32
Size of Strands	0.20mm
Core Strands	32/0.20mm
Cross Sectional Area	1mm^2
Outer Diameter	11.3mm
American Wire Gauge	17
Minimum Bend Radius	Fixed - 6 x D Occasional Flexing - 20 x D
Oil Resistant	Yes
Armoured	No
Weight	217kg/km

Operation Environment Specifications

Operating Temperature Range	**Flexing:**	**Static:**
	-5°C to 70°C	-40°C to 80°C
Minimum Operating Temperature	-5°C	40°C
Maximum Operating Temperature	70°C	80°C

Approvals

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

CY Cable

Part Number	No. Cores x Cross Sectional Area (mm²)	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

CY Cable

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