

# TECHNICAL DATA SHEET

**PRO-ELEC**

## CY PVC (YSLCY) Control Cable

**RoHS  
Compliant**

Construction	
Conductor	Class 5 flexible plain copper
Insulation	PVC (Polyvinyl Chloride)
Separator	PET (Polyester Tape)
Screen	TCWB (Tinned Copper Wire Braid)
Sheath	PVC (Polyvinyl Chloride)
Core Identification	Black with White number From 3 cores: Black with White number + Green/Yellow Colour-coded cores available upon request
Sheath Colour	Grey

Specification	
Voltage Rating	300/500V
Temperature Rating	Fixed: -40°C to +80°C Flexed: -5°C to +70°C
Minimum Bend Radius	Fixed: 4 x overall diameter Flexed: 12.5 x overall diameter



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## Dimensions

PART NO	NO. OF CORES	CROSS SECTIONAL AREA mm <sup>2</sup> (NOMINAL)	THICKNESS OF INSULATION mm (NOMINAL)	THICKNESS OF OUTER SHEATH mm (NOMINAL)	OVERALL DIAMETER mm (NOMINAL)	NOMINAL WEIGHT kg/km
CB20772 / CB20773	2	0.5	0.40	0.6	5	35
CB20774 / CB20775	2	0.75	0.40	0.6	5.5	45
CB20776 / CB20777	2	1	0.40	0.7	6.1	56
CB20778 / CB20779	3	0.5	0.40	0.6	5.4	48
CB20780 / CB20781	3	0.75	0.40	0.7	6	61
CB20782 / CB20783	3	1	0.40	0.7	6.4	71
CB20784 / CB20785	3	1.5	0.40	0.7	7.1	90
CB20786 / CB20787	3	2.5	0.50	0.8	8.6	136
CB20788 / CB20789	4	0.5	0.40	0.7	6	61
CB20790 / CB20791	4	0.75	0.40	0.7	6.5	75
CB20792 / CB20793	4	1	0.40	0.7	7	89
CB20794 / CB20795	4	1.5	0.40	0.7	7.7	114
CB20796 / CB20797	4	2.5	0.50	0.8	9.4	173
CB20798 / CB20799	5	0.5	0.40	0.7	6.5	73
CB20800 / CB20801	5	0.75	0.40	0.7	7	89
CB20802 / CB20803	5	1	0.40	0.7	7.6	107
CB20804 / CB20805	5	1.5	0.40	0.8	8.6	142
CB20806 / CB20807	5	2.5	0.50	0.9	10.4	216

## Electrical Characteristics

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	CURRENT CARRYING CAPACITIES 30°C CONTINUOUS LOADING A	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.780
35	135	0.554