

TECHNICAL DATA SHEET

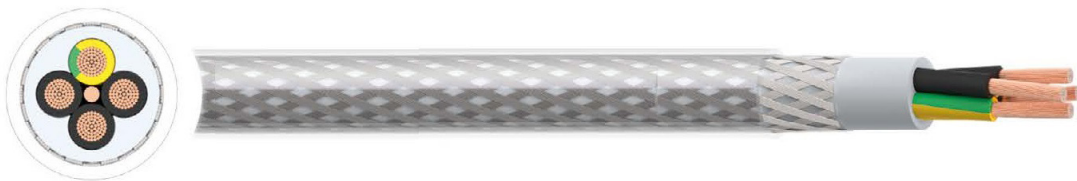
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SY PVC (YSLYSY) Control Cable

**RoHS
Compliant**

Construction	
Conductor	Class 5 flexible plain copper
Insulation	PVC (Polyvinyl Chloride)
Inner Sheath	PVC (Polyvinyl Chloride)
Armour	GSWB (Galvanised Steel 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	Transparent

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 ² (NOMINAL)	THICKNESS OF INSULATION mm (NOMINAL)	THICKNESS OF OUTER SHEATH mm (NOMINAL)	OVERALL DIAMETER mm (NOMINAL)	NOMINAL WEIGHT kg/km
CB20808 / CB20809	2	0.75	0.40	0.8	7.2	79.3
CB20810 / CB20811	2	1.5	0.40	0.8	8.2	110
CB20812 / CB20813	3	0.75	0.40	0.8	7.5	91.3
CB20814 / CB20815	3	1	0.40	0.8	7.9	104
CB20816 / CB20817	3	1.5	0.40	0.8	8.6	129
CB20818 / CB20819	3	2.5	0.40	0.9	10.1	185
CB20820 / CB20821	4	0.75	0.40	0.8	8	107
CB20822 / CB20823	4	1	0.50	0.8	8.5	124
CB20824 / CB20825	4	1.5	0.40	0.8	9.2	151
CB20826 / CB20827	4	2.5	0.50	0.9	11.1	230
CB20828	4	4	0.60	1.1	13.2	332
CB20829	4	6	0.65	1.2	14.8	442
CB20830 / CB20831	5	0.75	0.40	0.8	8.5	120
CB20832 / CB20833	5	1	0.40	0.8	9.1	140
CB20834 / CB20835	5	1.5	0.40	0.8	10.1	182
CB20836 / CB20837	5	2.5	0.50	1	12.1	266
CB20838	5	4	0.60	1.1	14.2	382

Electrical Characteristics

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITIES 30°C CONTINUOUS LOADING A	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
0.75	12	25
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
50	168	0.386
70	207	0.272
95	223	0.206

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