



YCY 300/500V

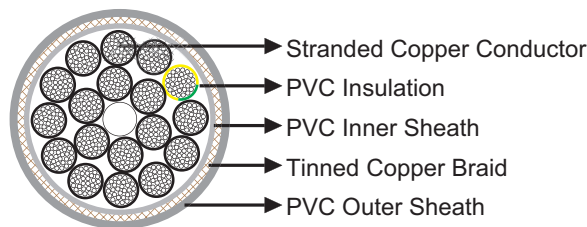
» Application

These screened cables are designed for use as a data and control cable in machinery, computer systems etc. as well as a signal cable for electronics.

» Standards

DIN VDE 0245

» Construction



Conductor: Stranded bare copper, class 5 according to DIN VDE 0295/IEC60228.

Insulation: PVC Type YI 2.

Inner Sheath: PVC.

Screen: Tinned copper braid.

Outer Sheath: PVC Type YM 2.

» Technical Data

Rated Voltage U ₀ /U (U _m)	300/500V
Operating Temperatures	flexing: -15°C~+70°C; fixed: -40°C~+70°C
Minimum Bending Radius	flexing: 20×OD; fixed: 10×OD
Flame Retardant	IEC 60332-1
Ozone Resistant	Yes
Silicone Free	Yes
Lead Free	Yes



Control Cable

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores Gmm ²	mm	kg/km
2×0.5	5.6	65
3G0.5	6.6	72
4G0.5	7.6	77
5G0.5	8.3	90
7G0.5	9.3	114
12G0.5	11.0	160
18G0.5	12.0	216
2×0.75	7.1	71
3G0.75	7.4	82
4G0.75	7.9	94
5G0.75	8.4	109
7G0.75	9.0	122
12G0.75	11.2	192
18G0.75	12.7	261
25G0.75	16.0	388
2×1	7.3	78
3G1	7.6	90
4G1	8.1	106
5G1	8.7	121
7G1	9.3	144
12G1	11.7	225
18G1	13.5	315
25G1	16.6	455
34G1	19.5	657
41G1	20.4	698
50G1	22.9	918
2×1.5	7.9	94
3G1.5	8.3	112
4G1.5	9.1	133
5G1.5	9.7	148
7G1.5	10.2	183
12G1.5	13.3	295
18G1.5	16.4	451
25G1.5	18.6	599
3G2.5	9.5	158
4G2.5	10.3	191
5G2.5	11.5	213
7G2.5	12.3	274



Caledonian Windmill Cables

Control Cable

Construction No. of cores Gmm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
12G2.5	13.3	530
3G4	10.7	218
4G4	12.2	274
5G4	12.7	317
4G6	14.0	378
5G6	16.4	493
4G10	17.9	636
5G10	19.4	760
4G16	21.5	953
5G16	23.2	1130
4G25	25.2	1401
5G25	28.2	1935
4G35	29.9	1886
5G35	32.0	2268
4G50	34.4	2674
5G50	43.0	4150
4G70	46.8	4600
5G70	51.8	5750
4G95	51.0	6060
5G95	56.0	7580
4G120	56.0	7315
5G120	63.0	9150
4G150	63.5	9680
5G150	69.5	10170

G: with green-yellow earth core

x: without green-yellow earth core

