



YCY 0.6/1kV

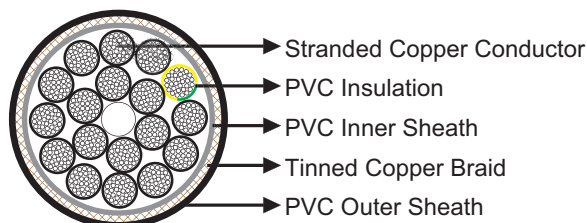
» Application

These screened cables are designed for flexible use for medium mechanical stresses as measuring and control cables in tool machines, conveyor belts, production lines; for plant installations, air conditioning, in steel production plants and rolling mills, suitable for dry, moist and wet rooms as well as outside (fixed installation).

» Standards

DIN VDE 0262/12.95
DIN VDE 0281 part 13

» Construction



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

Insulation: PVC Type TI 2

Inner Sheath: PVC.

Screen: Tinned copper braid.

Outer Sheath: PVC Type TM 2.

» Technical Data

Rated Voltage U _o /U (Um)	600/1000V
Operating Temperatures	flexing: -5°C~+80°C; fixed: -40°C~+90°C
Minimum Bending Radius	flexing: 10×OD; fixed: 5×OD
Flame Retardant	VDE 0482-332-1-2/DIN EN 60332-1-2/IEC 60332-1
Oil Resistant	Yes
Silicone Free	Yes
UV Resistant	Yes



Control Cable

» Dimensions and Weight

Construction No. of cores Gmm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
2×0.5	8.5	129
3G0.5	8.8	150
4G0.5	9.6	170
5G0.5	10.2	199
7G0.5	11.1	235
12G0.5	14.0	320
18G0.5	16.2	428
25G0.5	19.2	503
2×0.75	8.8	143
3G0.75	9.3	155
4G0.75	9.9	190
5G0.75	10.8	228
7G0.75	11.5	323
12G0.75	14.6	410
18G0.75	17.1	560
25G0.75	20.3	730
2×1	9.4	150
3G1	9.8	163
4G1	10.4	200
5G1	11.4	239
7G1	12.5	289
12G1	15.7	464
18G1	18.4	628
25G1	21.8	855
2×1.5	10.4	162
3G1.5	11.1	187
4G1.5	11.8	240
5G1.5	13.1	289
7G1.5	14.2	383
12G1.5	18.4	592
18G1.5	21.5	806
25G1.5	25.6	1241
2×2.5	11.8	272
3G2.5	12.7	298
4G2.5	13.8	345
5G2.5	15.1	427
7G2.5	16.3	561
12G2.5	21.3	857
18G2.5	25.4	1355
25G2.5	30.0	1995



Caledonian Windmill Cables

Control Cable

Construction No. of cores Gmm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
2×4	14.2	306
3G4	15.1	391
4G4	16.2	527
5G4	18.0	700
7G4	19.8	920
12G4	25.8	1510
2×6	15.9	420
3G6	16.9	629
4G6	18.7	731
5G6	20.4	1105
7G6	22.2	1465
2×10	18.3	845
3G10	19.2	1125
4G10	21.2	1345
5G10	23.2	1635
7G10	26.8	2210
2×16	22.8	1150
3G16	24.7	1395
4G16	27.0	1870
5G16	30.0	2720
7G16	32.2	3213
3G25	29.2	2465
4G25	32.0	2750
5G25	35.7	3490
7G25	39.0	4980
3G35	32.3	3230
4G35	35.8	4100
5G35	39.5	4950
3G50	39.7	4590
4G50	43.4	5780
5G50	47.8	7210
3G70	44.9	5610
4G70	49.1	7480
5G70	53.8	9390
3G95	49.6	8585
4G95	54.1	10220
5G95	57.7	13800
3G120	51.5	11105
4G120	59.4	13750
4G150	67.9	15990
4G185	74.0	18470

G: with green-yellow earth core

×: without green-yellow earth core