



### YCY 0.6/1kV UL/CSA

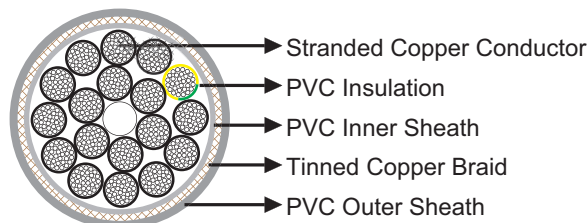
#### » Application

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

VDE 0276 part 627  
 DIN VDE 0281 part 13  
 UL 758  
 IEC 60502

#### » Construction



**Conductor:** Stranded bare copper, class 5 according to DIN VDE 0295/IEC60228.  
**Insulation:** PVC type TI2 according to DIN VDE 0281 part 1, class 43 UL-Std. 1581.  
**Inner Sheath:** PVC type TM 2 according to DIN VDE 0281 part 1, class 43 UL-Std. 1581.  
**Screen:** Tinned copper braid.  
**Outer Sheath:** PVC type TM 2 according to DIN VDE 0281 part 1, class 43 UL-Std. 1581.

#### » Technical Data

Rated Voltage U <sub>o</sub> /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/VW 1/FT1



## Control Cable

Oil Resistant	Yes
Silicone Free	Yes
UV Resistant	Yes

### » Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm <sup>2</sup>	mm	kg/km
2×0.5	8.3	129
3G0.5	8.6	150
4G0.5	9.4	170
5G0.5	10.1	199
7G0.5	12.1	235
12G0.5	14.7	320
18G0.5	17.3	428
25G0.5	20.6	503
2×0.75	8.7	143
3G0.75	9.0	155
4G0.75	9.9	190
5G0.75	10.8	228
7G0.75	13.0	323
12G0.75	15.8	410
18G0.75	17.9	560
25G0.75	22.8	730
2×1	9.4	150
3G1	9.8	163
4G1	10.8	200
5G1	12.1	239
7G1	14.5	289
12G1	17.4	464
18G1	20.7	628
25G1	24.8	855
2×1.5	10.2	162
3G1.5	10.9	187
4G1.5	12.2	240
5G1.5	13.3	289
7G1.5	16.0	383
12G1.5	19.6	592
18G1.5	23.4	806
25G1.5	28.2	1241
2×2.5	11.5	272
3G2.5	12.2	298
4G2.5	13.4	345
5G2.5	14.9	427
7G2.5	17.9	561
12G2.5	21.9	857



# Caledonian Windmill Cables

## Control Cable

Construction No. of cores×mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
18G2.5	26.1	1355
25G2.5	31.9	1995
2×4	14.3	306
3G4	15.1	391
4G4	16.7	527
5G4	18.6	700
7G4	20.0	920
3G6	17.0	629
4G6	18.7	731
5G6	20.7	1105
7G6	23.0	1465
3G10	19.6	1125
4G10	21.9	1345
5G10	24.1	1635
7G10	26.8	2210
3G16	23.5	1395
4G16	26.4	1870
5G16	28.8	2720
7G16	31.9	3213
3G25	28.0	2465
4G25	32.5	2750
5G25	35.7	3490
7G25	39.0	4980

G: with green-yellow earth core

x: without green-yellow earth core

