



YCY UL/CSA 600V 90°C

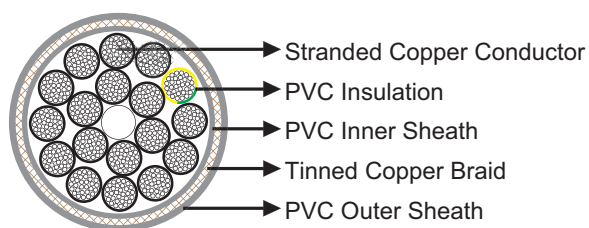
» Application

These flexible control cable rated at 600V are used in machine tools, control systems, connection between control panels and machines, assembly lines and other industrial equipment, suitable for installation in dry, moist or wet environment and moderate flexing applications.

» Standards

UL Style 10012 Style 2587
CSA

» Construction



Conductor: Stranded bare copper, class 5 according to DIN VDE 0295/BS 6360/IEC60228.

Insulation: PVC Type TI3 according to DIN VDE 0281 part 1, class 43 UL-Std. 1581. PVC TI1 can be offered upon request.

Inner Sheath: PVC Type YM5 according to DIN VDE 0207 part 5. PVC TM5 can be offered upon request.

Screen: Tinned copper braid.

Outer Sheath: PVC Type YM5 according to DIN VDE 0207 part 5, class 43 UL-Std. 1581. PVC TM5 can be offered upon request.

» Technical Data

Rated Voltage Uo/U (Um)	600V
Operating Temperatures	flexing: -5°C~+90°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



Control Cable

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
2×0.5	7.8	93
3G0.5	8.1	124
4G0.5	8.7	133
5G0.5	9.3	153
7G0.5	10.6	191
9G0.5	12.4	243
12G0.5	13.1	322
18G0.5	15.7	374
25G0.5	18.3	436
34G0.5	20.2	560
41G0.5	22.4	663
2×1	8.2	107
3G1	8.5	130
4G1	9.2	155
5G1	10.1	181
7G1	11.4	209
9G1	13.4	321
12G1	13.9	341
18G1	16.3	473
25G1	19.6	650
34G1	22.6	781
41G1	24.4	892
2×1.5	8.8	136
3G1.5	9.3	165
4G1.5	10.1	192
5G1.5	10.9	224
7G1.5	13.0	273
9G1.5	14.9	340
12G1.5	15.7	461
18G1.5	18.4	674
25G1.5	22.4	950
34G1.5	25.3	1203
41G1.5	27.5	1588
2×2.5	10.4	173
3G2.5	10.9	220
4G2.5	11.9	270
5G2.5	13.3	329
7G2.5	15.7	428
9G2.5	18.2	580



Caledonian Windmill Cables

Control Cable

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
12G2.5	19.3	761
18G2.5	23.2	1140
25G2.5	28.5	1551
2×4	12.6	209
3G4	13.2	310
4G4	14.6	456
5G4	15.9	532
7×4	19.1	737
2G6	14.3	318
3G6	15.3	411
4G6	16.7	572
5G6	18.5	732
7G6	22.2	961
3G10	19.2	741
4G10	21.3	988
5G10	23.9	1202
7G10	26.7	1743
3G70	41.4	3647
3G16	24.4	1088
4G16	27.4	1662
5G16	30.8	2021
7G16	33.8	2720
3G25	30.4	1947
4G25	33.5	2591
5G25	40.0	3197
7G25	40.8	4530
3G35	34.0	2701
4G35	37.9	3277
5G35	41.7	4530
3G50	35.0	2870
4G50	40.5	3960
5G50	44.4	4371
3G70	41.4	3647
4G70	46.1	4882
5G70	50.6	5876
3G95	46.2	4751
4G95	50.7	6368
5G95	56.1	7843
3G120	52.0	5899
4G120	57.0	8010
5G120	62.7	9205

G: with green-yellow earth core

×: without green-yellow earth core.