



Control Cable

Y UL/CSA 600V 90°C

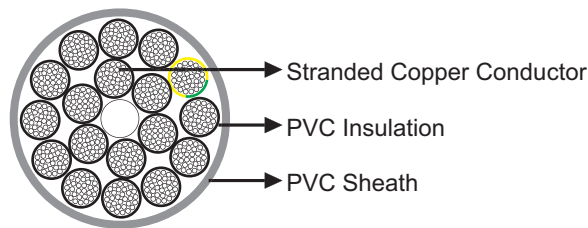
» Application

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 AWM I/II A/B 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.

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 U ₀ /U (U _m)	600V
Operating Temperatures	flexing: -5°C~+90°C; fixed: -40°C~+90°C
Minimum Bending Radius	flexing: 7.5×OD; fixed: 4×OD
Flame Retardant	VDE 0482-332-1-2/DIN EN 60332-1-2/IEC 60332-1
Oil Resistant	Yes
Silicone Free	Yes



» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
2×0.5	5.9	49
3G0.5	6.3	58
4G0.5	6.7	69
5G0.5	7.3	84
7G0.5	8.5	123
8G0.5	9.6	140
9G0.5	10.4	177
12G0.5	10.9	192
18G0.5	12.9	256
25G0.5	15.5	358
34G0.5	17.7	487
41G0.5	19.9	580
2×1	6.3	53
3×(G)1	6.7	61
4G1	7.3	74
5G1	7.9	90
7G1	9.2	130
8G1	10.0	144
9G1	11.1	180
12G1	11.8	198
18G1	14.1	274
25G1	17.1	384
34G1	19.3	494
41G1	21.2	508
2×1.5	6.9	73
3G1.5	7.5	94
4G1.5	8.1	117
5G1.5	8.7	140
7G1.5	10.6	186
9G1.5	12.8	244
12G1.5	13.4	319
18G1.5	15.8	451
25G1.5	18.9	625
34G1.5	21.7	840
41G1.5	23.7	1032
2×2.5	8.2	115
3G2.5	8.7	143
4G2.5	10.1	185
5G2.5	10.9	221
7G2.5	13.1	293



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Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
9G2.5	15.6	429
12G2.5	16.7	563
18G2.5	19.6	854
19G2.5	19.7	914
25G2.5	24.0	1188
3G4	11.2	232
4G4	12.5	298
5G4	13.8	358
7G4	16.3	460
3G6	12.9	360
4G6	14.2	402
5G6	15.9	484
7G6	19.4	630
3G10	16.9	535
4G10	18.5	653
5G10	20.3	786
7G10	22.3	1100
2×16	19.4	640
3G16	20.7	810
4G16	23.2	1045
5G16	25.7	1260
7G16	28.4	1760
3G25	25.0	1180
4G25	28.1	1507
5G25	30.9	1858
7G25	35.5	2830
3G35	28.6	1590
4G35	31.7	2123
5G35	35.2	2612
3G50	31.2	2652
4G50	35.8	3058
5G50	38.7	4093
3G70	39.2	3307
4G70	41.6	4254
5G70	48.4	5661
3G95	42.1	4867
4G95	46.0	5762
5G95	51.2	7208
3G120	47.8	5580
4G120	52.8	7280
5G120	59.0	8692

G: with green-yellow earth core

×: without green-yellow earth core.