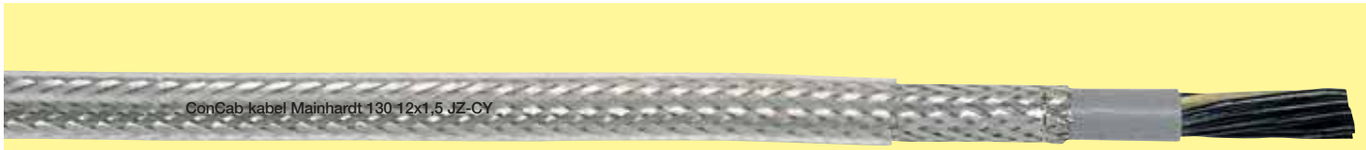
CC-control cable-JZ-CY-130

Numbered black cores, shielded

Conforms to the EC low voltage guideline 73/23/EEC CE



The flexible shielded CC-control cable PVC-JZ-CY-130 is suitable as control and connection cable. It is applied in machine tools, plant and appliance construction, heating, air conditioning and ventilation technology as well as for other applications in electrical equipment especially where a greater electromagnetic compatibility is required. The outer sheath, based on PVC, is extremely resistant to oil and chemicals. It is free of silicone, cadmium and free of harmful substances.

Construction

Fine strands of bare copper wire, PVC core insulation. Cores black with consecutive white numbering. 3 cores or more with green/yellow protective conductor in the outer layer. Cores twisted in layers. PVC inner sheath (colour grey). Overall, tinned copper shield. PVC outer sheath, flame retardant and self-extinguishing (acc. to VDE 0482, part 265-2-1 resp. EN 50265-2-1 and IEC 60332-1). Colour transparent.

Technical data

Rated voltage:
300/500 V

Test voltage:
4000 V

Conductor stranding:
fine copper strands
acc. to VDE 0295, class 5

Insulation resistance:
min. 20 MOhm × km

Temperature range:
fixed installation: -30°C to +80°C
flexible application: -5°C to +70°C

Bending radius:
fixed installation: 6 × cable diameter
flexible application: 20 × cable diameter

Approvals:
acc. to VDE 0245, 0281

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Part-No.	No. of cores + cross-section	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km
130 0005 002	2 X 0,5	32,0	6,8	92
130 0005 003	3 G 0,5	39,0	7,3	102
132 0005 003	3 X 0,5	witho. gnye	7,3	102
130 0005 004	4 G 0,5	51,0	7,8	113
132 0005 004	4 X 0,5	witho. gnye	7,8	113
130 0005 005	5 G 0,5	52,0	8,5	127
130 0005 007	7 G 0,5	84,0	9,1	157
130 0005 012	12 G 0,5	118,0	11,5	215
130 0005 014	14 G 0,5	122,0	12,0	223
130 0005 018	18 G 0,5	186,0	13,3	335
130 0005 021	21 G 0,5	211,0	14,2	340
130 0005 025	25 G 0,5	250,0	15,4	403
130 0005 030	30 G 0,5	297,0	16,1	468
130 0005 040	40 G 0,5	343,0	18,4	572
130 0005 050	50 G 0,5	407,0	21,6	726
130 0007 002	2 X 0,75	39,0	7,4	101
130 0007 003	3 G 0,75	58,0	7,8	116
132 0007 003	3 X 0,75	witho. gnye	7,8	116
130 0007 004	4 G 0,75	64,0	8,4	132
132 0007 004	4 X 0,75	witho. gnye	8,4	132
130 0007 005	5 G 0,75	77,0	9,0	156
130 0007 007	7 G 0,75	92,0	9,8	182
130 0007 012	12 G 0,75	177,0	12,3	265
130 0007 018	18 G 0,75	217,0	14,4	391
130 0007 025	25 G 0,75	288,0	16,9	541
130 0007 034	34 G 0,75	368,0	19,1	699
130 0007 040	40 G 0,75	418,0	21,0	770
130 0007 042	42 G 0,75	488,0	22,0	580
130 0007 050	50 G 0,75	543,0	23,3	950
130 0010 003	3 G 1,0	65,3	8,2	135
132 0010 003	3 X 1,0	witho. gnye	8,2	135
130 0010 004	4 G 1,0	78,0	8,7	155
132 0010 004	4 X 1,0	witho. gnye	8,7	155
130 0010 005	5 G 1,0	85,0	9,6	181
130 0010 007	7 G 1,0	107,0	10,4	203
130 0010 012	12 G 1,0	194,0	13,3	347
130 0010 018	18 G 1,0	257,0	15,5	478
130 0010 025	25 G 1,0	342,0	17,9	645
130 0010 034	34 G 1,0	444,0	20,6	865
130 0010 041	41 G 1,0	578,0	22,0	1010
130 0010 050	50 G 1,0	683,0	24,0	1172

Part-No.	No. of cores + cross-section	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km
130 0015 002	2 X 1,5	65,0	8,5	141
130 0015 003	3 G 1,5	76,0	9,0	164
132 0015 003	3 X 1,5	witho. gnye	9,0	164
130 0015 004	4 G 1,5	118,0	10,0	188
132 0015 004	4 X 1,5	witho. gnye	10,0	188
130 0015 005	5 G 1,5	125,0	10,5	221
130 0015 007	7 G 1,5	157,0	11,4	266
130 0015 012	12 G 1,5	254,0	15,0	438
130 0015 018	18 G 1,5	389,0	17,3	625
130 0015 025	25 G 1,5	530,0	20,1	889
130 0015 034	34 G 1,5	702,0	23,0	1114
130 0015 050	50 G 1,5	1006,0	27,1	1648
130 0015 061	61 G 1,5	1176,0	30,0	1710
130 0025 003	3 G 2.5	146,0	10,3	213
130 0025 004	4 G 2.5	176,0	11,2	256
130 0025 005	5 G 2.5	211,0	12,7	304
130 0025 007	7 G 2.5	288,0	13,8	420
130 0025 012	12 G 2.5	437,0	17,8	660
130 0025 018	18 G 2.5	521,0	21,5	945
130 0040 004	4 G 4	290,0	13,4	410
130 0040 005	5 G 4	318,0	14,7	480
130 0060 004	4 G 6	360,0	15,9	532
130 0060 005	5 G 6	430,0	17,3	656
130 0060 007	7 G 6	480,0	18,3	798
130 0100 004	4 G 10	558,0	19,0	930
130 0100 005	5 G 10	714,0	22,5	1080
130 0160 004	4 G 16	804,0	22,2	1190
130 0160 005	5 G 16	1050,0	24,9	1385
130 0250 004	4 G 25	1289,0	32,4	1910
130 0350 004	4 G 35	1618,0	35,4	2510
130 0500 004	4 G 50	2250,0	38,5	3370
130 0700 004	4 G 70	3090,0	43,7	3815
130 0950 004	4 G 95	4050,0	49,8	5856
130 1200 004	4 G 120	5234,0	58,1	7245