

Product Specifications



YY JB/JZ control cable

Standards

Generally to EN 50525-2-11, VDE 0250

Flame retardant test to IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2

Flame Propagation test to IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24

Description

YY Control Cable is used as a control cable on conveyors, assembly and production lines. It is generally used indoors as an interconnecting cable in signal and control equipment. These cables are not UV resistant but can be used outdoors if adequately protected against direct sunlight in trunking etc.

Applications

Designed for applications which are installed in occasional flexing and fixed locations.

Cable applications

include precision control sensors, multi axis control machines, temperature controllers, control panels,

machine cutting tools, auxiliary equipment, motor speed control, production machinery and many more.

Product Specifications



Specification

Conductor	Class 5 plain annealed copper to EN 60228, IEC 60228, DIN VDE 0295
Insulation	PVC, also available in LSOH
Sheath	PVC grey, also available in LSOH
Colour code	(JZ) Black numbered plus a Green and Yellow earth. (JB) Coloured cores according to HD 308 S2
Rated Voltage	Nominal: 300/500V Test: 2000V
Temperature Range	-15 to +70°C
Min. Bending Radius. (flexible)	10 x cable OD

Data Sheet

Size mm	Outer Diameter mm	Cooper content Kg/km	Approximate weigh Kg/km
2x0.5	5.0 ± 1.0	9.6	39
3x0.5	5.4 ± 1.0	14.4	45
4x0.5	5.9 ± 1.0	19.2	55



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5x0.5	6.5±1.0	24.0	68
7x0.5	7.0±1.0	33.6	76
8x0.5	8.0±1.0	38.0	96
10x0.5	9.0±1.0	48.0	115
12x0.5	9.8±1.0	58.0	140
18x0.5	12.0±1.0	86.0	195
2x0.75	5.4±1.0	15.0	48
3x0.75	5.7±1.0	22.0	58
4x0.75	6.2±1.0	29.0	69
5x0.75	7.0±1.0	36.0	86
7x0.75	7.6±1.0	50.4	108
8x0.75	8.0±1.0	58.0	115
12x0.75	9.7±1.0	86.4	160
18x0.75	11.9±1.0	130.0	230
2x1.0	5.7±1.0	19.2	55
3x1.0	6.0±1.0	29.0	67
4x1.0	6.7±1.0	38.4	84
5x1.0	7.4±1.0	48.0	103
7x1.0	8.0±1.0	67.0	129
8x1.0	8.8±1.0	76.8	135
10x1.0	10.6±1.0	96.0	170
12x1.0	11.0±1.0	115.6	200
18x1.0	112.8±1.0	173.0	280
2x1.5	6.2±1.0	29.0	69
3x1.5	6.8±1.0	43.2	85
4x1.5	7.4±1.0	58.0	107



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5x1.5	8.5±1.0	72.0	138
7x1.5	9.0±1.0	101.0	160
8x1.5	9.9±1.0	115.2	180
10x1.5	12±1.0	144.0	225
12x1.5	12.3±1.0	173.0	260
18x1.5	14.6±1.0	259.2	380
2x2.5	7.8±1.0	48.0	110
3x2.5	8.5±1.0	72.0	138
4x2.5	9.3±1.0	96.0	173
5x2.5	10.5±1.0	120.0	214
7x2.5	11.5±1.0	168.0	279
12x2.5	14.1±1.0	288.0	390
18x2.5	18±1.0	432.0	590
3x4	9.1±1.0	115.0	182
4x4	10.2±1.0	154.0	235
5x4	11.2±1.0	192.2	285
7x4	13.4±1.0	269.0	360
3x6	11.6±1.0	173.0	296
4x6	13.5±1.0	230.0	378
5x6	15.0±1.0	288.0	465
3x10	14.5±1.0	288.0	467
4x10	16.1±1.0	384.0	584