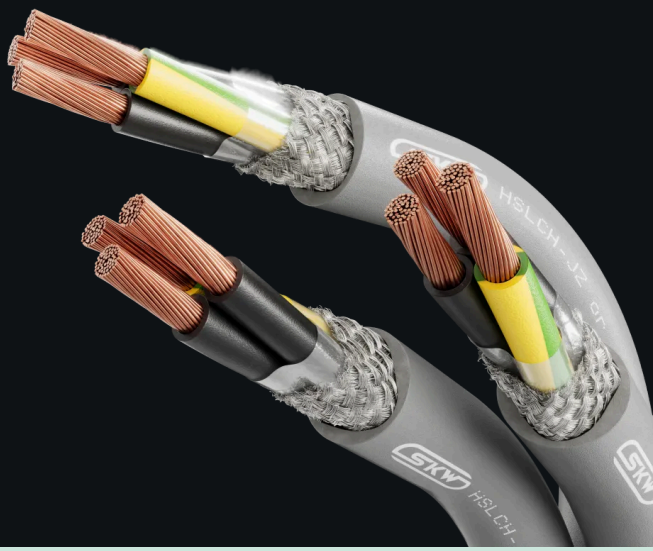
We Make Modern Life Possible.

HALOGEN-FREE CONTROL AND ELECTRONIC CABLES

HSLCH-JZ or HSLCH-OZ



Control cable, halogen-free, screened

As flexible control and connecting cable for fixed laying and flexible
applications without tensile stress and/or without guided move‌ments, especially for the protection of human life and valuable
equipment.

TECHNICAL DATA

Test Voltage
2 kV

Rated Voltage
300/500 V (Uo/U)

Bending radius (min.)
4 x Ø of cable (fixed installed)
15 x Ø of cable (free motion)

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing
EN 60754-1 and 2: halogen-free; non-corrosive combustion gases
EN 61034-2: low smoke emission
EN 60332-3-22 and 24: reduced flame propagation

Core identification
black with number printing, with one core green-yellow (JZ), without (OZ)

Temperature range
Laying temperature: min. -5°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 150°C
Fixed installation: -40°C up to 70°C

DESIGN



1. Copper conductor, fine wire
2. Core insulation (FRNC), cores stranded in layers
3. Inner covering (halogen-free plastic tape)
4. Screen (braided screen, tinned copper wires)
5. Sheath (FRNC grey RAL 7001, oil resistant)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 0,75	26.0	5.8	49
3 x 0,75	26.0	7.0	63
4 x 0,75	26.0	7.2	77
5 x 0,75	26.0	7.5	87
12 x 0,75	26.0	11.4	187
25 x 0,75	26.0	16.0	397
2 x 1	19.5	8.7	130
3 x 1	19.5	6.6	70
4 x 1	19.5	7.2	85
5 x 1	19.5	8.7	111
7 x 1	19.5	8.7	130
12 x 1	19.5	11.3	215
18 x 1	19.5	13.5	315
25 x 1	19.5	17.7	464
2 x 1,5	13.3	6.7	67
3 x 1,5	13.3	7.0	85
4 x 1,5	13.3	7.9	106
5 x 1,5	13.3	8.6	130
7 x 1,5	13.3	9.2	165
18 x 1,5	13.3	14.5	395
25 x 1,5	13.3	21.0	678
2 x 2,5	7.98	9.7	123
3 x 2,5	7.98	8.4	125
4 x 2,5	7.98	11.1	188
5 x 2,5	7.98	10.1	190
7 x 2,5	7.98	11.0	245
12 x 2,5	7.98	18.2	796
3 x 4	4.95	9.9	175
4 x 4	4.95	10.8	220
5 x 4	4.95	11.7	270
3 x 6	3.3	12.5	365
4 x 10	1.91	16.3	523
4 x 16	1.15	19.2	769

Technical changes reserved. All figures are therefore without guarantee.



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