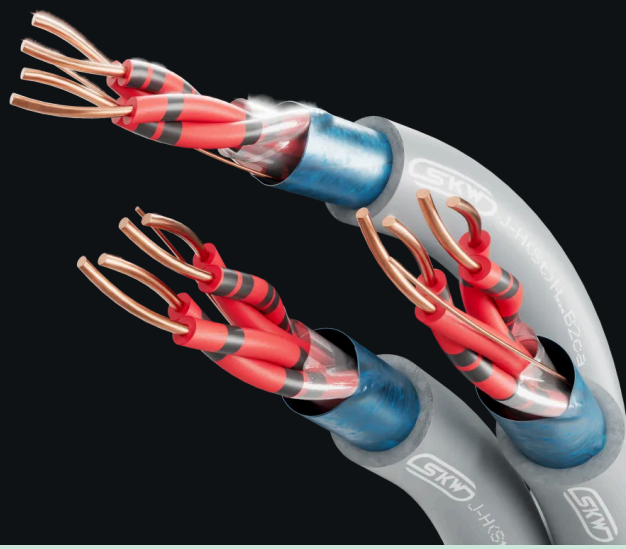
We Make Modern Life Possible.



HALOGEN-FREE TELECOMMUNICATION CABLES

J-H(St)H...B2ca

Control cable, halogen-free, screened

For use in telecommunications and similar systems. Not suitable for power installations, underground laying or outdoor applications.

TECHNICAL DATA

Standard
adapted to DIN VDE 0815

Test Voltage
800 Veff (core/core) / 50 Hz

Rated Voltage
max. 300 V

Bending radius (min.)
7.5 x Ø of wire

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing

Core identification
DIN VDE 0815

Temperature range
Laying temperature: min. -5°C
Fixed installation: -30°C up to 70°C
Flexible use: -5°C up to 50°C

DESIGN



Electrical Parameters			
Loop resistance max	Ω/km	130	73.2
Mutual capacitance, max.	nF/km	120	120
Conductor diameter	mm	0.6	0.8
Insulation resistance, min. at 20 °C	MΩ/km	100	100
Mutual capacitance (approx. value), at 800 Hz	nF/km	144	144

Number of pairs x nominal diameter	Standard lengths/packing (m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 2 x 0.6	500 SP, 1000 SP	5.5	42
4 x 2 x 0.6	500 SP, 1000 SP	7.4	68
6 x 2 x 0.6	500 SP, 1000 SP	8.5	89
10 x 2 x 0.6	500 SP, 1000 SP	9.7	126
20 x 2 x 0.6	500 D, 1000 D	14.1	237
30 x 2 x 0.6	500 D, 1000 D	15.3	318
40 x 2 x 0.6	500 D, 1000 D	16.6	401
50 x 2 x 0.6	500 D, 1000 D	19.1	512
60 x 2 x 0.6	500 D, 1000 D	20.1	594
80 x 2 x 0.6	500 D, 1000 D	26.3	816
100 x 2 x 0.6	500 D, 1000 D	27.1	969
2 x 2 x 0.8	500 SP, 1000 SP	6.2	59
4 x 2 x 0.8	500 SP, 1000 SP	8.6	98
6 x 2 x 0.8	500 SP, 1000 SP	9.8	131
10 x 2 x 0.8	500 SP, 1000 SP	11.4	190
20 x 2 x 0.8	500 D, 1000 D	16.8	363
30 x 2 x 0.8	500 D, 1000 D	18.7	516
40 x 2 x 0.8	500 D, 1000 D	20.5	657
50 x 2 x 0.8	500 D, 1000 D	22.9	809
60 x 2 x 0.8	500 D, 1000 D	27.1	969
80 x 2 x 0.8	500 D, 1000 D	32.4	1326
100 x 2 x 0.8	500 D, 1000 D	33.4	1586

Technical changes reserved. All figures are therefore without guarantee.



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