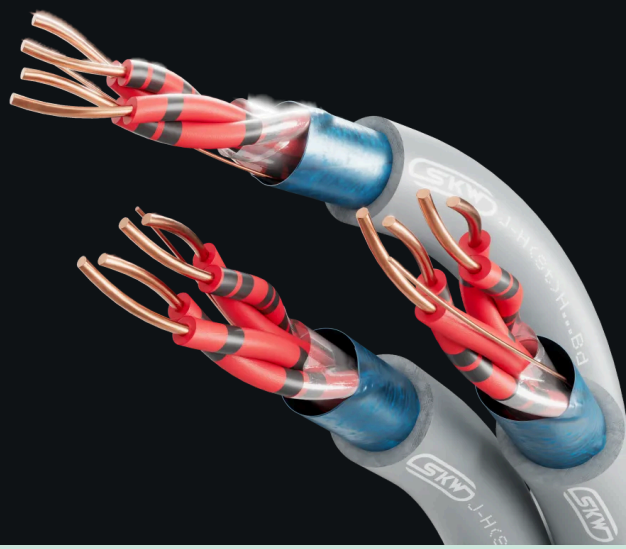
We Make Modern
Life Possible.



HALOGEN-FREE TELECOMMUNICATION CABLES

J-H(St)H...Bd

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

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

Technical changes reserved. All figures are therefore without guarantee.



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