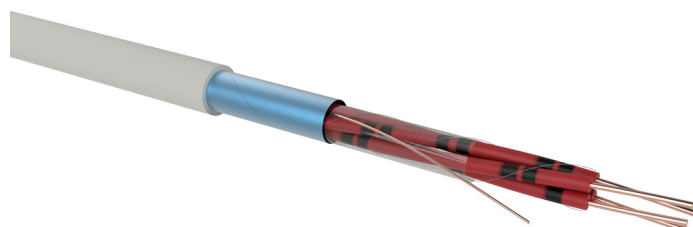


J-H(St)H...Bd

Control cable, halogen-free, screened

DESIGN



- 1 | Copper conductor, round solid (RE)
- 2 | Core insulation (halogen-free polymer compound), cores pair stranded, pairs stranded into bundl
- 3 | Inner covering (halogen-free plastic foil)
- 4 | Screen (plastic laminated aluminium tape with drain wire)
- 5 | Sheath (halogen-free polymer compound grey)

APPLICATION

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



Operating voltage:
max. 300 V



Test voltage:
800 Veff (core/core) / 50 Hz
800 Veff (core/screen) / 50 Hz



Temperature range:
laying temperature: min. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 50 °C



Bending radius (min.):
7.5 x Ø of cable



Core identification:
DIN VDE 0815



Fire properties:
EN 60332-1-2: flame retardant
EN 60754-1 and 2: halogen-free; non-corrosive combustion gases
EN 60332-3-22 and 24: reduced flame propagation
EN 61034-2: low smoke emission
CPR classification: E_{ca}

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, max. at 800 Hz (up to 4 pairs)	(nF/km)	144	144
Mutual capacitance, max. at 800 Hz	(nF/km)	120	120
Capacitance unbalance K ₁ , max. at 800 Hz (80% of values)	(pF/100m)	300	300
Capacitance unbalance K ₁ , max. at 800 Hz (100% of values)	(pF/100m)	500	500
Capacitance unbalance K ₉ -K ₁₂ , max. at 800 Hz (90% of values)	(pF/100m)	100	100
Capacitance unbalance K ₉ -K ₁₂ , max. at 800 Hz (100% of values)	(pF/100m)	300	300

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
J-H(St)H...Bd			
2 x 2 x 0.6	5.5	42	500 Sp, 1000 Sp

J-H(St)H...Bd

Control cable, halogen-free, screened

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
J-H(St)H...Bd			
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	24.6	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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