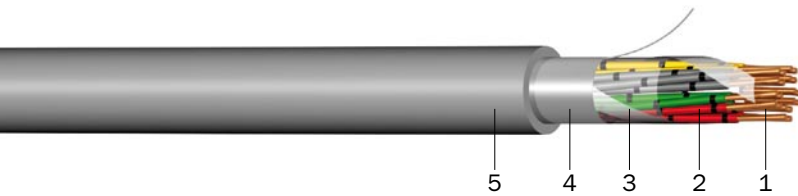


J-H(St)H...Bd

Installation cable, screened

DESIGN



- 1 | Copper conductor, round solid (RE)
- 2 | Core insulation (halogen-free polymer compound), cores star quaded and quads stranded into groups
- 3 | Inner covering (halogen-free plastic tape)
- 4 | Screen (plastic laminated aluminium tape with drain wire)
- 5 | Sheath (halogen-free polymere compound, grey)

APPLICATION

For use in telecommunications installations. Suitable for interior applications in dry and damp premises, as well on or under plaster. Not suitable for power installation purposes and for direct burial. Since they are free from halogens and exhibit enhanced fire performance these cables are used in those applications where in the event of fire the negative effects on concentrations of people and valuable material goods must be minimised.

TECHNICAL DATA



Standard:
DIN VDE 0815



Rated voltage:
max. 300 Vss



Test voltage:
core/core: 800 V/50 Hz
core/screen: 800 V/50 Hz



Temperature range:
laying temperature: min. -5 °C
operating temperature
- fixed: -30 °C to +70 °C
- in motion: -5 °C to +50 °C



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



Core identification:
DIN VDE 0815



Fire properties:
flame retardant:
EN 60332-1-2
halogen-free, non-corrosive combustion gases:
EN 50267-2-2
reduced flame propagation:
EN 60332-3-24
low smoke emission:
EN 61034-2



Certificate:
CU-TR Russia, Belarus and Kazakhstan

ELECTRICAL PARAMETERS

Parameter	Unit	0.6	0.8
Conductor diameter	(mm)	0.6	0.8
Loop resistance, max.	(Ω/km)	130	73.2
Insulation resistance, min.	(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/100 m)	300	300
Capacitance unbalance K_1 , max. at 800 Hz (100 % of values)	(pF/100 m)	500	500
Capacitance unbalance K_9-K_{12} , max. at 800 Hz (90 % of values)	(pF/100 m)	100	100
Capacitance unbalance K_9-K_{12} , max. at 800 Hz (100 % of values)	(pF/100 m)	300	300

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
J-H(St)H...Bd			
2 x 2 x 0.6	6.5	55	500 D, 1,000 D
4 x 2 x 0.6	9.0	90	500 D, 1,000 D

J–H(St)H...Bd

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
J–H(St)H...Bd			
6 x 2 x 0.6	9.5	105	500 D, 1,000 D
10 x 2 x 0.6	11.0	145	500 D, 1,000 D
20 x 2 x 0.6	13.0	220	500 D, 1,000 D
30 x 2 x 0.6	15.5	315	500 D, 1,000 D
40 x 2 x 0.6	17.0	380	500 D, 1,000 D
50 x 2 x 0.6	19.0	475	500 D, 1,000 D
60 x 2 x 0.6	21.0	575	500 D, 1,000 D
80 x 2 x 0.6	24.0	680	500 D, 1,000 D
100 x 2 x 0.6	26.5	890	500 D, 1,000 D
2 x 2 x 0.8	7.5	70	500 D, 1,000 D
4 x 2 x 0.8	11.0	125	500 D, 1,000 D
6 x 2 x 0.8	11.5	155	500 D, 1,000 D
10 x 2 x 0.8	13.5	215	500 D, 1,000 D
20 x 2 x 0.8	16.0	340	500 D, 1,000 D
30 x 2 x 0.8	19.5	490	500 D, 1,000 D
40 x 2 x 0.8	22.0	625	500 D, 1,000 D
50 x 2 x 0.8	25.0	790	500 D, 1,000 D
60 x 2 x 0.8	27.0	925	500 D, 1,000 D
80 x 2 x 0.8	30.5	1,220	500 D, 1,000 D
100 x 2 x 0.8	34.0	1,500	500 D, 1,000 D

Subject to technical changes.