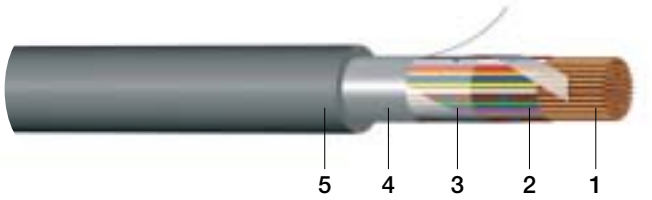
JE–Y(St)Y...Bd

Control Cable for industrial electronics

Standard: DIN VDE 0815

Usage:
For use in the electronics of control and regulating equipment. Preferably for use in interior premises but also for fixed installation on exterior walls of buildings. Not suitable for high-current installation purposes and direct burial.



Construction:
1 Copper conductor, single wire
2 Core insulation (PVC), conductors pair stranded, pairs stranded in groups
3 Inner covering (plastic tape)
4 Screen (plastic laminated aluminium tape with drain wire)
5 Sheath (PVC grey RAL 7032)

Rated voltage: max. 225 Vss

Test voltage:
core/core 500 Veff
core/screen 2000 Veff

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 ∅ of cable

Core identification: DIN VDE 0815 (BdSi, BdZ)

Test certificate: VDE Germany

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Electrical parameters		
Conductor diameter	(mm)	0.8
loop restistance, max. at 20 °C	(Ω/km)	73.2
Insulation resistance, min. at 20 °C	(MΩ.km)	100
Mutual capacitance, max. at 800 Hz	(nF/km)	100
Capacitance unbalance K, max. at 800 Hz	(pF/100 m)	200

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lenghts/ packing (m)
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2 x 2 x 0.8	7.0	25	60	500 T, 1000 T
4 x 2 x 0.8	9.0	45	100	500 T, 1000 T
8 x 2 x 0.8	11.5	85	165	500 T, 1000 T
12 x 2 x 0.8	14.0	126	245	500 T, 1000 T
16 x 2 x 0.8	15.5	166	305	500 T, 1000 T
20 x 2 x 0.8	16.0	206	360	500 T, 1000 T
24 x 2 x 0.8	17.0	246	440	500 T, 1000 T
32 x 2 x 0.8	21.0	327	560	500 T, 1000 T
40 x 2 x 0.8	23.0	407	675	500 T, 1000 T
80 x 2 x 0.8	31.0	809	1,295	500 T, 1000 T

Subject to technical changes.