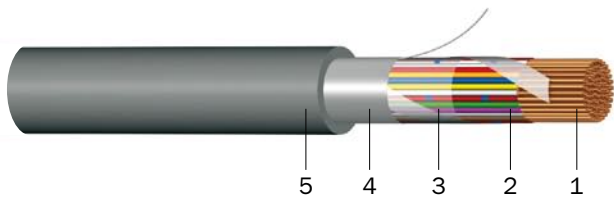


JE-Y(St)Y...Bd

Control cable for industrial electronics
Standard: DIN VDE 0815

Application:

Intended for use in electronic control devices. Preferably for indoor use but also suitable for fixed installation on the outside of building walls. Not allowed for power and underground installations.



Construction:

- 1 Copper conductor, single wire
- 2 Insulation (PVC), cores stranded to pairs, pairs stranded in groups
- 3 Taping (plastic tape)
- 4 Screen (aluminium/plastic laminate tape)
- 5 Sheath (PVC, grey RAL 7032)



Operating voltage: max. 225 Vss



Test voltage: A/A 500 Veff
 A/S 2000 Veff



Temperature range:
 During installation: min. -5 °C
 Operating temperature: fixed -30 °C to +70 °C
 moved -5 °C to +50 °C



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



Core identification: DIN VDE 0815
 (BdSi, BdZ)



Certification mark: VDE Germany

Electrical data

Nominal cross section	(mm)	0.8
Loop resistance 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 imbalance K max. at 800 Hz	(pF/100 m)	200

Number of circuits x nominal diameter (mm)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
JE-Y (St)Y...Bd					
2 x 2 x 0.8	7.0	25	60	500 T, 1000 T	864.57
4 x 2 x 0.8	9.0	45	100	500 T, 1000 T	1,508.48
8 x 2 x 0.8	11.5	85	165	500 T, 1000 T	2,490.08
12 x 2 x 0.8	14.0	126	245	500 T, 1000 T	3,388.03
16 x 2 x 0.8	15.5	166	305	500 T, 1000 T	4,230.22
20 x 2 x 0.8	16.0	206	360	500 T, 1000 T	5,066.76
24 x 2 x 0.8	17.0	246	440	500 T, 1000 T	6,022.10
32 x 2 x 0.8	21.0	327	560	500 T, 1000 T	8,229.26
40 x 2 x 0.8	23.0	407	675	500 T, 1000 T	9,254.98
80 x 2 x 0.8	31.0	809	1,295	500 T, 1000 T	17,476.86

Subject to technical changes. All figures are therefore without guarantee.