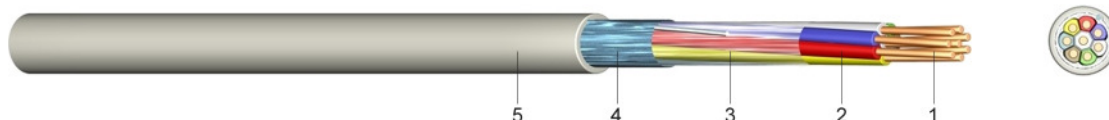


Datasheet Version 1/2009 JE-Y(ST)Y Bd Cable for Industrial Electronics

Application: Cables for industrial electronics are suitable for fixed installations in dry and humid rooms.



Construction:

- 1 solid bare copper
- 2 core insulation of polyvinylchloride (PVC)
- 3 layer of plastic foil
- 4 static screen of plastic coated aluminium foil with drain wire
- 5 outer sheath of polyvinylchloride (PVC), grey

According to: DIN VDE 0815 (core identification)
DIN EN 60228 class 1 (construction)

Technical data:

Peak operating voltage		[V]	225 Volt
Test voltage at 50 Hz	core / core	[V] _{AC}	500
	core / screen	[V] _{AC}	2000
Temperature range	in motion		-5 °C till +50 °C
	fixed		-30 °C till +70 °C
Bending radius	in motion	x diameter	15
Flammability	standard		EN 60332-1-2
Insulation resistance	min.	[MΩ/km]	100
Mutal capacitance		[Ω/km]	73,2
	max.	[nF/km]	100
Capacitance unbalance 100m	max	[pF]	200

Number of pairs and nominal conductor diameter mm	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Weight appr. kg / km
2 x 2 x 0,8	25	1,0	5,8	53
4 x 2 x 0,8	45	1,0	7,6	86
8 x 2 x 0,8	85	1,0	10,1	146
12 x 2 x 0,8	126	1,0	10,7	196
16 x 2 x 0,8	166	1,2	12,2	260
20 x 2 x 0,8	206	1,2	13,3	314
24 x 2 x 0,8	246	1,2	14,0	364
32 x 2 x 0,8	327	1,4	18,0	496
40 x 2 x 0,8	407	1,4	19,1	600