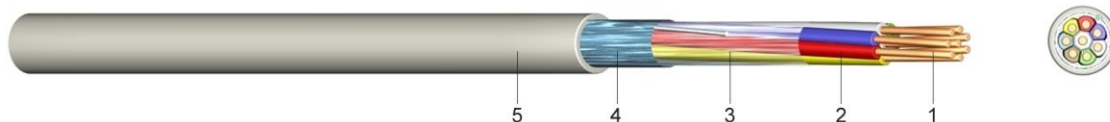




JE-Y(ST)Y Bd Cable for Industrial Electronics

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), Cores twisted to pairs and four twisted pairs in a bundle, bundle identification by Number characteristic helix (Z) or ring mark on core insulation (Si)
 - 3 layer of plastic foil
 - 4 static screen of plastic coated aluminium foil with drain wire
 - 5 outer sheath of polyvinylchloride (PVC), grey or blue

Standards: 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)	from stock	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Weight appr. kg / km
2 x 2 x 0,8 gy, bl	●	25	1,0	5,8	53
4 x 2 x 0,8 gy, bl	●	45	1,0	7,6	86
8 x 2 x 0,8 gy, bl	●	85	1,0	10,1	146
12 x 2 x 0,8 gy	●	126	1,0	10,7	196
16 x 2 x 0,8 gy, bl	●	166	1,2	12,2	260
20 x 2 x 0,8 gy	●	206	1,2	13,3	314
24 x 2 x 0,8 gy	●	246	1,2	14,0	364
32 x 2 x 0,8 gy, bl	●	327	1,4	18,0	496
40 x 2 x 0,8 gy	●	407	1,4	19,1	600