

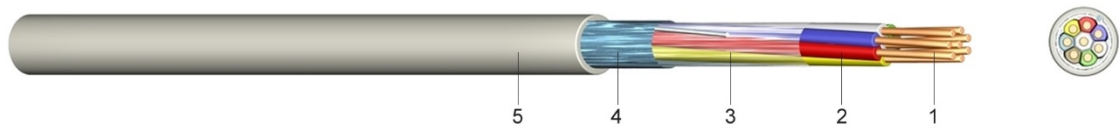
## JE-Y(St)Y Bd Eca

Data transmission cable, 225 V  
+70 °C service temperature, collective screen  
DIN VDE 0815 and EN 50575

### Application

Industrial electronic cable for transmission of signals and measurements in the symmetric circuits of the control and regulation technology and transmission of data and process information in computer systems.  
For fixed installation. Outdoor laying only permitted with UV protection.

### Construction



- |                  |  |
|------------------|--|
| 1. Conductor:    | Copper conductor, bare, solid (class 5)            |
| 2. Insulation:   | PVC  |
| 3. Screen:       | Laminated Alu/PETP tape + tinned copper drain wire |
| 4. Outer sheath: | PVC, grey or blue                                  |

### Technical information

Peak operating voltage		225 V
Test voltage		500 V
Inductivity approx.		0,7 mH/km
Coupling approx.		200 pF
Loop resistance		73,2 Ohm/km
Maximum operating capacity		100 nF/km
Max. permissible temperature at conductor		70 °C
Min. operating temperature	fixed installation	-30 °C
Min. temperature during installation		-5 °C
Min. bending radius	fixed installation	7,5 x outer diameter in mm
<b>Safety parameters</b>		
Reaction to fire		EN 50399 E <sub>ca</sub>
Flame spread	single cable	IEC 60332-1-2

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N° of cores and size mm <sup>2</sup>	Outer-diameter approx. mm	Copper index approx. kg/km	Cable weight approx. kg/km
2 x 2 x 0,8	7,0	25	60
4 x 2 x 0,8	9,0	45	96
8 x 2 x 0,8	11,5	85	158
12 x 2 x 0,8	14,0	126	235
16 x 2 x 0,8	15,5	166	295
20 x 2 x 0,8	16,5	206	355
24 x 2 x 0,8	19,0	246	430
32 x 2 x 0,8	21,0	327	555
40 x 2 x 0,8	22,5	407	670
48 x 2 x 0,8	26,6	488	740
80 x 2 x 0,8	31,0	809	1290
100 x 2 x 0,8	32,0	1015	1495

La version française de cette fiche technique est disponible sur demande.  
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.