

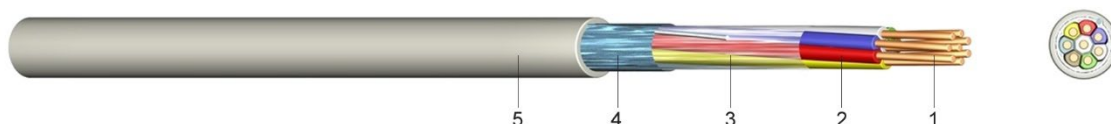
JE-H(St)H Bd C_{ca}

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

Application

Zero halogen industrial electronic cable with improved fire characteristics 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. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. 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 red (BMK) |

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		120 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	8 x outer diameter in mm
Safety parameters		
Reaction to fire		EN 50399 C _{ca} s1, d2, a1
Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3
Halogen free		IEC 60754-1 /-2
Smoke density		IEC 61034-1/ -2

JE-H(St)H Bd C_{ca}

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

N° of cores and size mm ²	Outer-diameter approx. mm	Copper index approx. kg/km	Cable weight approx. kg/km
2 x 2 x 0,8	5,9	25	55
4 x 2 x 0,8	7,7	45	90
8 x 2 x 0,8	11,2	85	160
12 x 2 x 0,8	11,9	126	210
16 x 2 x 0,8	13,5	166	280
20 x 2 x 0,8	14,4	206	335
24 x 2 x 0,8	15,6	246	390
32 x 2 x 0,8	20,0	327	535
40 x 2 x 0,8	20,6	407	635
48 x 2 x 0,8	21,6	488	740
80 x 2 x 0,8	29,2	809	1230
96 x 2 x 0,8	29,8	-	1420

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