JE-H(St)H Bd

Application

halogen-free installation cable, data transmission cable, control and connecting cables in fire vulnerable areas and facilities with high concentration of people and property values, in telecommunication and IT-systems a well as measurement and control technology for lossless data and signal transmission. Suitable for use in dry and humid rooms, on-wall and in-wall laying and outdoor use with UV-protection. No laying underground.

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Remarks

- conform to RoHS
- conform to 2006/95/EC-Guideline CE
- installation cables are not designed for high voltage purposes and are not suitable for laying underground
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

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Structure & Specifications

conductor material	bare copper strand
conductor class	strand-Ø: 0.8 mm (0,5 mm²)
core insulation	special halogen-free compound
core identification	acc. to DIN VDE 0815
stranding	2 cores twisted to a pair, each 4 pairs stranded to bundles, multiple bundles stranded in layers
overall shield	plastic clad aluminium foil with subjacent drain wire 0.8 mm
outer sheath	special halogen-free compound
sheath colour	grey
rated voltage	225 V
testing voltage	core/core: 500 V; core/shield: 2 kV
conductor resistance	loop: max. 73,2 Ω / km
insulation resistance	min 100 MΩ x km
current carrying capacity	acc. to DIN VDE, s. Techn. Guidelines
capacity	max. 120 nF/km
inductivity	ca. 0,65 mH/km
min. bending radius fixed	5 x d
min. bending radius moved	7,5 x d
operat. temp. fixed min/max	-30 °C / +70 °C
operat. temp. moved min/max	- 5 °C / +50 °C
halogen free	halogen-free
burning behavior	flame-retardant acc. to VDE 0472 & IEC 332-3 Cat. C
standard	acc. to DIN VDE 0815

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dimension n x 2 x mm	outer Ø mm	copper weight kg/km	weight kg/km
2 X 2 X 0,8	6,0	25,0	60,0
4 X 2 X 0,8	8,5	45,0	96,0
8 X 2 X 0,8	11,0	85,0	158,0
12 X 2 X 0,8	13,0	126,0	225,0
16 X 2 X 0,8	14,5	166,0	290,0
20 X 2 X 0,8	16,0	206,0	350,0
40 X 2 X 0,8	22,0	407,0	660,0