



## USE OF CABLE

Installation cable with electrostatic shield in fire vulnerable areas with high concentration of people and property value. For telecommunication and IT-systems for lossless data and signal transmission. Suitable for fixed laying in dry and humid rooms, on-wall and in-wall, outdoor use, no laying underground.



## SPECIAL FEATURES

- shielded by plastic-clad aluminium foil
- pairs stranded in bundles (Bd)
- free from lacquer damaging substances and silicone (during production)
- also available:  
J-H(ST)H Bd BMK n x 2 x 0,8 mm as fire alarm cable with red outer sheath

## 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.

## PRODUCT INFORMATION

Conductor material:	Copper conductor blank
Conductor class:	Conductor-Ø 0,6 mm (0,28 mm <sup>2</sup> ), conductor-Ø 0,8 mm (0,50 mm <sup>2</sup> )
Core insulation:	Halogen-free polymer compound
Core identification:	Acc. to DIN VDE 0815 different colours
Stranding:	Cores stranded to star-quads
Shield3:	Plastic-clad aluminium foil with drain wire
Outer sheath:	Halogen-free flame-retardant polymer compound
Sheath colour:	Grey (fire alarm cable: red)
Rated voltage:	300 V
Testing voltage:	800 V
Conductor resistance:	Loop: 0,6 max. 130 Ω / km ; 0,8 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
Min. bending radius fixed:	7,5 x d
Min. bending radius moved:	10 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 DIN EN 50266-2-4, VDE 0472 and IEC 60332-3 CAT C smoke tightness low smoke emission; corrodibility acc. to VDE 0472 part 813 and IEC 60754-1
Standard:	Acc. to DIN VDE 0815

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
0500422	2 X 2 X 0,6	6,0	14,00	41,00	grey	V1: J-H(ST)H BD
0503035	4 X 2 X 0,6	8,0	25,00	79,00	grey	V1: J-H(ST)H BD
0500572	6 X 2 X 0,6	9,0	37,00	87,00	grey	V1: J-H(ST)H BD
0503142	10 X 2 X 0,6	10,0	59,00	130,00	grey	V1: J-H(ST)H BD
0500420	20 X 2 X 0,6	16,0	116,00	296,00	grey	V1: J-H(ST)H BD
0503306	30 X 2 X 0,6	17,0	172,00	341,00	grey	V1: J-H(ST)H BD
0506957	40 X 2 X 0,6	19,0	229,00	451,00	grey	V1: J-H(ST)H BD
0503307	50 X 2 X 0,6	21,0	286,00	559,00	grey	V1: J-H(ST)H BD
0506958	60 X 2 X 0,6	23,0	342,00	645,00	grey	V1: J-H(ST)H BD
0506959	80 X 2 X 0,6	27,0	455,00	858,00	grey	V1: J-H(ST)H BD
0506960	100 X 2 X 0,6	28,0	568,00	1036,00	grey	V1: J-H(ST)H BD
0500423	2 X 2 X 0,8	7,0	25,00	60,00	grey	V1: J-H(ST)H BD
0503092	4 X 2 X 0,8	10,0	45,00	121,00	grey	V1: J-H(ST)H BD
0503093	6 X 2 X 0,8	11,0	65,00	135,00	grey	V1: J-H(ST)H BD
0503268	10 X 2 X 0,8	13,0	106,00	222,00	grey	V1: J-H(ST)H BD
0500421	20 X 2 X 0,8	21,0	206,00	497,00	grey	V1: J-H(ST)H BD
0506964	30 X 2 X 0,8	22,0	307,00	585,00	grey	V1: J-H(ST)H BD
0506779	40 X 2 X 0,8	25,0	407,00	771,00	grey	V1: J-H(ST)H BD
0506591	50 X 2 X 0,8	27,0	508,00	955,00	grey	V1: J-H(ST)H BD
0506968	60 X 2 X 0,8	30,0	608,00	1128,00	grey	V1: J-H(ST)H BD

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
0506969	80 X 2 X 0,8	34,0	809,00	1454,00	grey	V1: J-H(ST)H BD
0506780	100 X 2 X 0,8	38,0	1010,00	1817,00	grey	V1: J-H(ST)H BD
0500424	2 X 2 X 0,8	7,0	25,00	60,00	red	V2: J-H(ST)H BD BMK
0506500	4 X 2 X 0,8	10,0	45,00	121,00	red	V2: J-H(ST)H BD BMK
0506961	6 X 2 X 0,8	11,0	65,00	135,00	red	V2: J-H(ST)H BD BMK
0506594	10 X 2 X 0,8	13,0	106,00	222,00	red	V2: J-H(ST)H BD BMK
0506962	20 X 2 X 0,8	21,0	206,00	497,00	red	V2: J-H(ST)H BD BMK
0506963	30 X 2 X 0,8	22,0	307,00	585,00	red	V2: J-H(ST)H BD BMK
0506965	40 X 2 X 0,8	25,0	407,00	771,00	red	V2: J-H(ST)H BD BMK
0506966	50 X 2 X 0,8	27,0	508,00	955,00	red	V2: J-H(ST)H BD BMK
0506967	60 X 2 X 0,8	30,0	608,00	1128,00	red	V2: J-H(ST)H BD BMK
0506970	80 X 2 X 0,8	34,0	809,00	1454,00	red	V2: J-H(ST)H BD BMK
0506971	100 X 2 X 0,8	38,0	1010,00	1817,00	red	V2: J-H(ST)H BD BMK