

J-H(St)H BMK... Bd

Construction

• Conductor:	copper, solid, bare, Ø 0,8 mm
• Core insulation:	halogen-free compound
• Core stranding:	cores by fours stranded to star-quads;
quads to lay up	
• Lapping:	insulating foil
• Screen:	drain wire, plastic-laminated aluminium foil
• Sheath:	halogen-free compound
• Sheath colour:	red RAL 3000

Technical data

• (Conductor) loop resistance max.	73,2 Ω/km
• Insulation resistance min.	100 MΩ x km
• Mutual capacitance max.	120 nF/km
• Peak operating voltage	300 V
• Test voltage	800 V 50 Hz 1 Min.
• Temperature range during installation	-5°C to + 50°C
• Temperature range stationary	-30°C to +70°C
• Minimum banding radius	7,5 x diameter

Properties under fire conditions

- Low flame propagation acc. to requirements specified in DIN EN 50266-2-4, VDE 0482 as well as IEC 60332.3
- No emission of corrosive gases
- Low smoke development

Application: This halogen-free, flame-resistant installation cable is used where increased fire protection of persons, material goods and buildings is required. It serves for information transmission in communication systems with fixed installation. Not applicable for power installation.

Dimension	Sheath thickness appr. mm	Diameter appr. mm	Total weight kg/km	Cu-Weight kg/km	Article number
2 x 2 x 0,8	1,4	6,8	69,0	25,0	4902080022
4 x 2 x 0,8	1,4	9,1	112,0	45,0	4902080042
6 x 2 x 0,8	1,4	9,6	141,0	65,0	4902080062
10 x 2 x 0,8	1,4	11,2	204,0	106,0	4902080102
20 x 2 x 0,8	1,4	16,0	370,0	206,0	4902080202
30 x 2 x 0,8	1,6	17,8	524,0	307,0	4902080302
40 x 2 x 0,8	1,6	19,5	666,0	407,0	4902080402

Dimension	Sheaththickness appr. mm	Diameter appr. mm	Totalweight kg/km	Cu-Weight kg/km	Articlenumber
50 x 2 x 0,8	1,6	21,4	810,0	508,0	4902080502
60 x 2 x 0,8	1,8	23,2	975,0	608,0	4902080602
80 x 2 x 0,8	2,0	30,1	1.325,0	809,0	4902080802
100 x 2 x 0,8	2,0	32,0	1.600,0	1.010,0	4902081002

- Further formats available on request
- All data and products subject to change