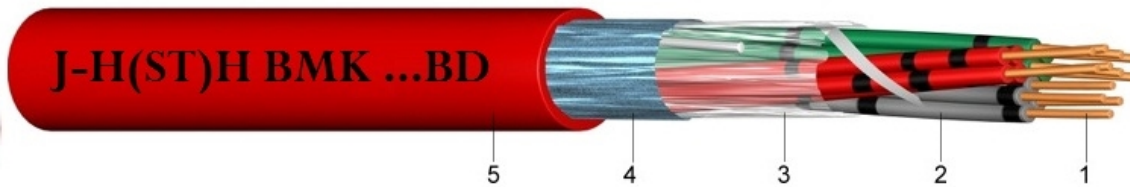




**HALLEY CABLES**

# J-H(ST)H BMK ...Bd

Halogen free, fire alarm, fire retardant telecommunication  
cable max. 300 V.



## Construction:

1. Conductor : solid copper 0,6 mm or 0,8 mm Ø .
2. Core Insulation : halogen free polymer compound.
3. Separator : PETP-tape.
4. Screen : polyester-laminated alu tape with copper drain wire 0,6 mm or 0,8 mm Ø.
5. Outer sheath : halogen free polymer, red (BMK).  
Stranding : 4 conductors form a star quad, 5 quads for a bundle and bundles are assembled in layers.

## Properties:

- Fire retardant.
- Halogen free.
- No corrosive gases emitted.
- Low development of smoke.

## Technical data and tests:

- Peak operating voltage : 300 V.
- Test voltage : conductor/conductor and conductor/screen is 800 V at 50 Hz.
- Temperature range : fixed: -5° C till +50° C.  
mobile:-30° C till +70° C.
- Bending radius : 7,5 x diameter.
- Laying temperature : -5° C...+50° C.

## Standards:

- Cable standard : DIN VDE 0815.
- Fire retardant : EN 50266-204, IEC 60332-3 cat. C.
- Conductor : DIN EN 60228 class 1.

## Applications:

These halogen free communication cables are intended for the installation in dry and moist areas, as well as in and under finery. These installation cables are not accepted for power installation purposes and direct burial. They should be used in locations with fire hazard to reduce damage in case of fire.





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## DIMENSIONS

Number of pairs and nominal conductor diameter mm	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. Mm	Calorific potential kWh / m	Weight appr. kg / km
2 x 2 x 0,6	13	1,0	6,0	0,17	49
4 x 2 x 0,6	24	1,0	8,6	0,29	82
6 x 2 x 0,6	36	1,0	9,0	0,34	99
10 x 2 x 0,6	59	1,0	10,4	0,44	135
20 x 2 x 0,6	116	1,0	12,8	0,69	223
30 x 2 x 0,6	172	1,0	14,9	0,92	306
40 x 2 x 0,6	228	1,0	16,7	1,14	386
50 x 2 x 0,6	285	1,4	18,7	1,45	485
80 x 2 x 0,6	455	1,4	22,6	2,10	723
100 x 2 x 0,6	568	1,6	25,2	2,62	902
1 x 2 x 0,8	11	1,0	6,5	0,15	60
2 x 2 x 0,8	25	1,0	6,8	0,22	66
4 x 2 x 0,8	41	1,0	9,9	0,37	113
6 x 2 x 0,8	62	1,0	10,4	0,43	141
10 x 2 x 0,8	103	1,2	12,2	0,60	200
20 x 2 x 0,8	203	1,4	15,5	0,95	342
30 x 2 x 0,8	304	1,4	18,5	1,38	496
40 x 2 x 0,8	404	1,4	20,8	1,73	632
50 x 2 x 0,8	505	1,6	22,7	2,05	764
60 x 2 x 0,8	606	1,6	24,9	2,48	920

Any other sizes available on request.

www.halleycables.com

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