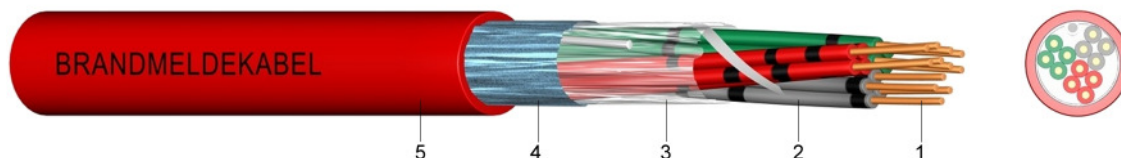


Datasheet
J-H(ST)H
BMK ...Bd

Version 1/2009

Halogen-Free and Flame Retardant
Fire Alarm Cable
Application:

These installation cables are suitable for fixed installations in telecommunication and are to be used in locations with fire hazard to reduce damage in case of fire.

**Construction:**

- 1 solid bare copper
- 2 core insulation of halogen-free polymer (HI 2)
- 3 layer of plastic foil
- 4 static screen of plastic coated aluminium foil with drain wire 0,6mm or 0,8mm
- 5 outer sheath of halogen-free polymer (HM 2) red with the marking "BRANDMELDEKABEL" (fire alarm cable)

Information:

Cores twisted to star-quads, 5 quads a unit, unit to layers.
 Layer identification with coloured tapes.

According to:

DIN VDE 0815 (core identification)
 DIN EN 60228 class 1 (construction)
 DIN VDE 0207-24

Technical data:

Peak operating voltage		[V]	300 Volt
Temperature range	in motion fixed		- 5 °C till +50 °C -30 °C till +70 °C
Bending radius	in motion	x diameter	7,5
Flammability	standard		EN 50266-2-4 IEC 60332-3 Kat.C

Number of pairs and nominal conductor diameter mm	Copper figure kg/km	Insulation thickness mm	Overall diameter mm	Calorific potential kWh / m	Weight appr. kg / km
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	102	1,2	12,2	0,60	200
20 x 2 x 0,8	203	1,4	15,5	0,95	342
40 x 2 x 0,8	404	1,4	20,8	1,80	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