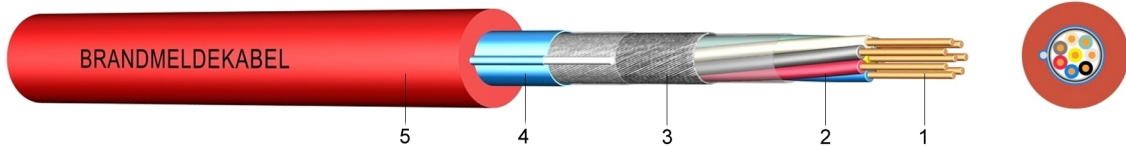


**JE-H(ST)H
BMK ...Bd
E30**

**Halogen-Free and Flame Retardant Installation
Cable for Fire Detection Circuits with
Circuit Integrity of 30 Minutes**

Application:

Suitable for fixed installations in fire detection circuits. They are to be used in locations with fire hazard and where an insulation integrity of at least 180 minutes and a circuit integrity of at least 30 minutes are required.



Construction:

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

Information:

These cables fulfil the conditions of the tests to insulation integrity according to DIN VDE 0472-814/ 8.83 about 180 min. and IEC Public. 331 first edition 1970 to circuit integrity about 30 min. to DIN 4102-12 according to VDE 0100-710 and 0100-718.

Standards:

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

Technical data:

Peak operating voltage		[V]	225 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 EN 60332-1 IEC 60332-3 Kat.C
Insulation resistance	standard		
Mutal capacitance	min.	[MOhm/km]	100
		[Ohm/km]	73,2
	max.	[nF/km]	120
Capacitance unbalance 100m	max	[pF]	200

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 0,8	24,0	1,0	6,6	0,13	61
4 x 2 x 0,8	43,2	1,0	8,8	0,20	104
8 x 2 x 0,8	81,6	1,2	12,8	0,34	218
12 x 2 x 0,8	121,0	1,2	13,5	0,39	235
20 x 2 x 0,8	197,8	1,4	16,1	0,53	367