

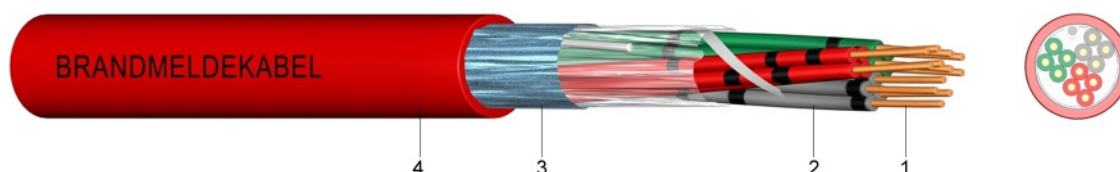
Datasheet JB-Y(ST)Y

Version 1/2009

Fire Alarm Cable

Application:

They are suitable for fixed installation indoors and are used for fire alarm systems.



Construction:

- 1 solid bare copper, Ø 0,8mm
- 2 core insulation of polyvinylchloride (PVC)
- 3 static screen of plastic coated aluminium foil with a drain wire
- 4 outer sheath of polyvinylchloride (PVC), red with the marking "BRANDMELDEKABEL" (fire alarm cable)

According to:

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

Technical data:

Peak operating voltage		[V]	300 Volt
Test voltage at 50 Hz	core / core	[V] _{AC}	800
	core / screen	[V] _{AC}	800
Temperature range	in motion		- 5 °C till +50 °C
	fixed		-30 °C till +70 °C
Bending radius	in motion	x diameter	15
Flammability	standard		EN 60332-1-2
Insulation resistance	min.	[MΩ/km]	100
Mutal capacitance		[Ω/km]	73,2
	max.	[nF/km]	100

Number of cores and nominal conductor diameter mm ²	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Weight appr. kg / km
1 x 2 x 0,8	11	1,1	5,5	38
2 x 2 x 0,8	21	1,1	6,1	54
4 x 2 x 0,8	41	1,1	8,7	94
5 x 2 x 0,8	52	1,1	9,4	114
6 x 2 x 0,8	62	1,1	10,1	135
10 x 2 x 0,8	103	1,3	13,1	205
12 x 2 x 0,8	123	1,3	13,5	235
20 x 2 x 0,8	203	1,3	15,6	352
30 x 2 x 0,8	304	1,5	19,4	522
40 x 2 x 0,8	404	1,5	20,9	663
50 x 2 x 0,8	505	1,7	23,7	832