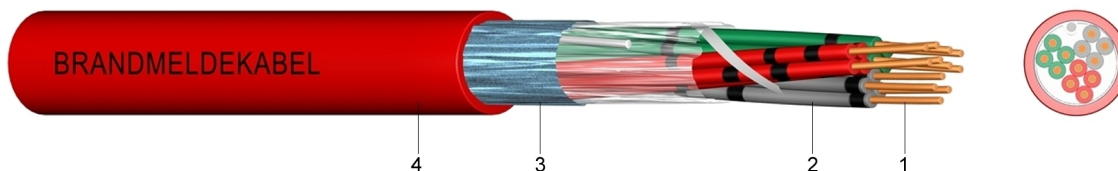


JB-Y(ST)Y Fire Alarm Cable

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



Construction:

- 1 solid bare copper, \varnothing 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)

Standards: 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.	[M Ω /km]	100
Mutal capacitance		[Ω /km]	73,2
	max.	[nF/km]	100

Number of cores and nominal conductor diameter mm	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Weight appr. kg/km
1 x 2 x 0,8	10,6	1,1	5,5	38
2 x 2 x 0,8	20,2	1,1	6,1	54
4 x 2 x 0,8	39,4	1,1	8,7	94
5 x 2 x 0,8	49,9	1,1	9,4	114
6 x 2 x 0,8	59,5	1,1	10,1	135
10 x 2 x 0,8	98,9	1,3	13,1	205
12 x 2 x 0,8	118,1	1,3	13,5	235
20 x 2 x 0,8	194,9	1,3	15,6	352
30 x 2 x 0,8	291,8	1,5	19,4	522
40 x 2 x 0,8	387,8	1,5	20,9	663
50 x 2 x 0,8	484,8	1,7	23,7	832