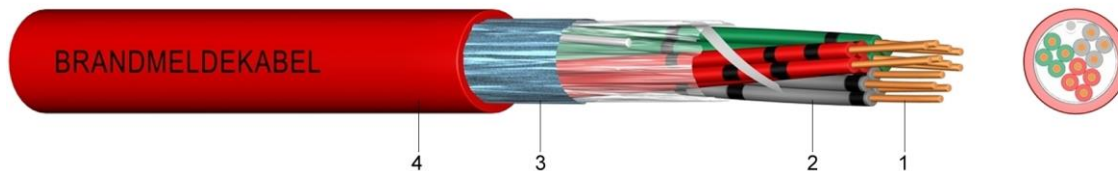




## JB-Y(ST)Y Fire Alarm Cable

**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:** 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] <sub>AC</sub>	800
	core / screen	[V] <sub>AC</sub>	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 $\Omega$ /km]	100
Mutal capacitance		[ $\Omega$ /km]	73,2
	max.	[nF/km]	100

Number of cores and nominal conductor diameter mm	from stock	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