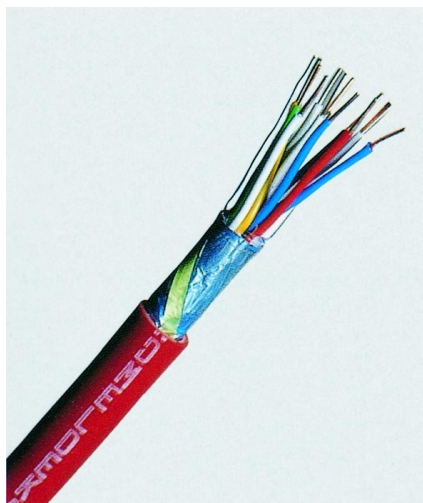


JB-YY
JB-Y(ST)Y

Fire Alarm Cable
according to DIN VDE 0815



Construction

JB-YY

Solid bare copper conductors (diameter 0.8 mm), core insulation of PVC, cores are stranded, outer sheath of red PVC with the marking "BRANDEMELDEKABEL" (Fire alarm cable).

JB-Y(ST)Y

Solid bare copper conductors (diameter 0.8 mm), core insulation of PVC, cores are stranded to pairs and the pairs are stranded in layers, one layer of plastic foil, static screen of plastic coated aluminium foil with a drain wire, outer sheath of red PVC with the marking "BRANDEMELDEKABEL" (Fire alarm cable).

Application

They are suitable for fixed installation indoors and are used for fire detection circuits.

Temperature range

In motion - 5°C till + 50°C
For fixed installation - 30°C till + 70°C

Electrical properties at 20°C

Conductor loop resistance	max.	73,2 Ohm/km
Insulation resistance	min.	100 MOhm x km
Operating capacity	max.	100 nF/km
Capacitance coupling for 100 m	max.	300 pF

Number of pairs and nominal conductor diameter mm	Price EUR / km	Copper figure kg / km	Thickness of the outer sheath ca. mm	Overall diameter ca. mm	Weight ca. kg / km
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JB-YY 300 V

2 x 0,8	432,60	10	1,0	4,8	35
3 x 0,8	523,24	15	1,0	5,2	44
4 x 0,8	633,45	20	1,0	5,5	50

JB-Y(ST)Y 300 V

1 x 2 x 0,8	708,43	11	1,0	5,7	41
2 x 2 x 0,8	791,83	21	1,0	6,4	60
4 x 2 x 0,8	1.359,28	41	1,0	9,5	100
5 x 2 x 0,8	1.854,10	52	1,0	9,8	123
6 x 2 x 0,8	2.098,82	62	1,0	10,7	145
10 x 2 x 0,8	2.732,08	103	1,0	13,2	220
12 x 2 x 0,8	3.522,54	123	1,0	14,3	255
20 x 2 x 0,8	4.627,28	203	1,2	17,1	390
30 x 2 x 0,8	7.131,71	304	1,2	20,4	570
40 x 2 x 0,8	9.199,82	404	1,4	23,0	730
50 x 2 x 0,8	11.383,05	505	1,4	26,0	920