Fire signalisation cable
J-Y(St)Y ... Lg (BMK)

Application: For the connection of telecommunication units inside buildings in and under plaster in dry and wet rooms. Also suitable for installation outdoors if the cable is protected from sunlight. By the special sheath imprint -Brandmeldekabel- this cable is particularly designed for the use in fire signalisation systems.

Stranding: cores twisted into pairs (2-pairs cable stranded as star-quad), pairs stranded in layers. Core identification: two-pair cable: red, black, white, yellow. More than two-pairs are in continuous sequence: white-blue, white-yellow, white-green, white-brown, white-black. In the 1-st pair of each layer there is one red core in place of the white one.

Construction and technical data:

CPR-classification according to EN 50575:	Eca
Conductor material:	copper, bare
Conductor construction:	Class 1 = solid
Insulation:	PVC TI1
Stranding unit:	pair
Stranding:	Layers
Screen over strand:	Foil
Drain wire:	yes
Sheathing material:	PVC YM1
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +50 °C
Bending radius, fixed installation:	7.5 x Ø
Bending radius, single bend:	2.5 x Ø
Insulation resistance:	100 MOhmxkm

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Fire signalisation cable

Maximum operating capacity: 100 nF/km

Core identification: colours acc. to VDE 0815

peak operating voltage, V: 300 V

part no.	part name	Dl [mm]	Ø [mm]	Cu	G [kg]
100947	01X2X0.8	0.8	5.5	11	38
100056	02X2X0.8	0.8	7	21	55
100057	04X2X0.8	0.8	9	41	95
100948	05X2X0.8	0.8	9.4	52	114
100058	06X2X0.8	0.8	10.5	62	130
100059	10X2X0.8	0.8	13	102	205
100060	20X2X0.8	0.8	16.5	204	380
100145	30X2X0.8	0.8	20	304	570
100146	40X2X0.8	0.8	22	405	710
100147	50X2X0.8	0.8	25.5	506	875
100148	80X2X0.8	0.8	31	807	1440
100144	100X2X0.8	0.8	32	1008	1780

Dl	diameter conductor
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000