Fire signalisation cable
J-H(St)H Fire signalisation cable

Application: Low-smoke, zero-halogen communication cable with improved flame-retardance. Primarily for use in buildings with a high concentration of people or material assets. For connection of communication units indoors, in wet and dry rooms on and under plaster. By the special sheath printing -Brandmeldekabel- this cable is particularly designed for the use in fire signalisation systems.

Construction and technical data:

CPR-classification according to EN 50575:	Cca / Eca
Standard:	VDE 0815 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 1 = solid
Insulation:	FRNC-compound HI1
Screen:	Foil
Drain wire:	yes
Sheathing material:	FRNC-compound HM1
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
Permitted outer cable temperature, fixed, °C:	-5 - +50 °C
Bending radius, fixed installation:	7.5 x Ø

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.

Stranding	4 cores twisted into star-quads, 5 star-quads stranded into one sub-unit, sub-units layed up in layers
Core identification	The star-quads of each bunch are continuous: red, green, grey, yellow, white
Core identification	The cores within one star-quad are marked by rings:
a-wire 1	without ring
b-wire 1	one ring, wide space
a-wire 2	double ring, wide space
b-wire 2	double ring, narrow spaced

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Maximum operating capacity: 120 nF/km

Core identification: colours + rings

peak operating voltage, V: 300 V

part no.	part name	Dl [mm]	Ø [mm]	Cu	G [kg]
101923	01X2X0.8	0.8	6	11	48
100354	02X2X0.8	0.8	7	25	69
100355	04X2X0.8	0.8	9	45	136
100356	06X2X0.8	0.8	10.5	65	152
100357	10X2X0.8	0.8	13	106	230
100358	20X2X0.8	0.8	16.5	206	508
100359	30X2X0.8	0.8	20	307	599
100360	40X2X0.8	0.8	22.5	407	787
100361	50X2X0.8	0.8	25.5	508	973
100362	60X2X0.8	0.8	28	608	1121
100363	80X2X0.8	0.8	31	809	1476
100364	100X2X0.8	0.8	32	1010	1805

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

