

FRNC fire signalisation cable

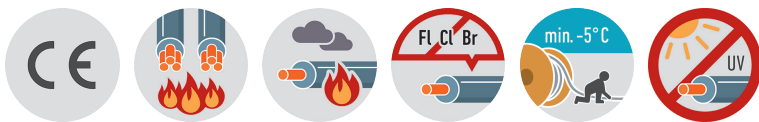
J-H(ST)H ... Bd B2ca Fire signalisation cable



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:	B2ca s1a d0 a1
Standard:	VDE 0815 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 1 = solid
Insulation:	FRNC-compound
Screen:	plastic coated aluminium foil + solid copper drain wire
Sheathing material:	halogen-free
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:	-30 - +70 °C
Bending radius, fixed installation:	15 x Ø
Insulation resistance:	100 MOhm \times km



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

J-H(ST)H ... Bd B2ca Fire signalisation cable 0.6 mm

Loop resistance:	130 Ohm/km
Maximum operating capacity:	100 nF/km
Test voltage:	0.8 kV
Core identification:	colours + rings
peak operating voltage, V:	300 V

part no.	part name	DI [mm]	Ø [mm]	Cu	G [kg]
102241	02X2X0.6	0.6	5.5	14	55
102242	04X2X0.6	0.6	6.5	25	77
102243	06X2X0.6	0.6	7.2	37	98
102244	10X2X0.6	0.6	8.5	59	135
102245	20X2X0.6	0.6	11	116	220
102246	30X2X0.6	0.6	30	172	303

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Loop resistance:	73.2 Ohm/km
Maximum operating capacity:	100 nF/km
Test voltage:	0.8 kV
Core identification:	colours + rings
peak operating voltage, V:	300 V

part no.	part name	DI [mm]	Ø [mm]	Cu	G [kg]
102247	02X2X0.8	0.8	6.7	25	70
102248	04X2X0.8	0.8	8.1	45	112
102249	06X2X0.8	0.8	9.3	65	144
102250	10X2X0.8	0.8	11.1	106	203
102251	20X2X0.8	0.8	14	206	343
102252	30X2X0.8	0.8	17	307	480

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