



JB-H(St)H

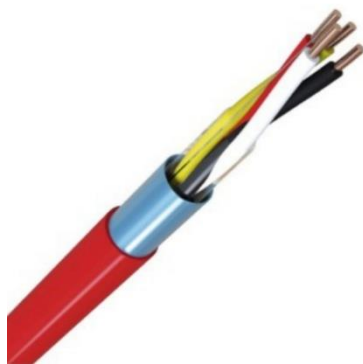
Brandmeldekabel

Fire Alarm Cables



EN 50265-2-1 ; IEC 60332-1

RoHS , REACH & CE Directives



Ambient installation T°
C range
0 + 50 °C



Operating temp.
-20 + 60 °C



Storage temperature
range
-20 + 70 °C



Flame retardant
IEC 60332-1



Smoke density

Applications

JB-H(St)H The halogen-free installation cables with improved characteristics in the case of fire are used for the telephone transmission, measurement and control technology. The static screen protects the transmission circuits against outer electrical interferences. A fire propagation is prevented through high oxygen index of the insulation material and produce no corrosive gases in case of fire. Those cables are preferably used for telecommunication indoor installations and in special cases the outdoor installation is permitted under protection against sunlight. These cables are suitable for fixed installation in areas with danger of fire, in dry and damp environments as well as on, in and under plaster.

CE-The product is confirmed with the EC Low-Voltage Directive 2014/35/EU

JB-H(St)H Construction:

Conductor material:	Solid bare copper class 1
Core Insulation:	PVC compound HI2
Static screen	Both Polyester and Aluminum-Polyester foil With a drain wire
Shielding	plastic coated aluminum foil static screening (St) (drain wire)
Overall shielding	plastic laminated aluminum foil
Outer insulation	Halogen free outer jacket type HM2
Sheath color	Flame retardant according to EN 60332-1-2 Red (RAL 3000)

Technical Data:

Insulation resistance:		MΩ x km min. 100
Mutual capacitance		Ω x km 73.2
Operating capacity max.		nF/km 100
Capacitance coupling for 100 m max.		pF 300
Operating voltage:		300 V
Test voltage at 50 Hz	core / core	800 V
	core / screen	800 V
Temperature range (for flexible use)		-5°C to +50 °C
	(fixed installation)	-30°C to +70 °C
Bending radius	in motion	15 x OD (overall diameter)
	Minimum	7.5 x OD

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Dimensions:

Cable Description	Nominal Cable Diameter (mm)	Thickness of the outer sheath ca. mm	Nominal Cable Weight (kg/km)	packaging
1 x 2 x 0.8	5.3	0.8-1	35-36	100/500
2 x 2 x 0.8	5.9	0.8-1	51-53	500
4 x 2 x 0.8	7.0	0.8-1	84-87	500
2 x 2 x 1	6.7	0.8-1	70-72	500
2 x 2 x 1.5	8.1	0.9-1.1	108-112	500



The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.