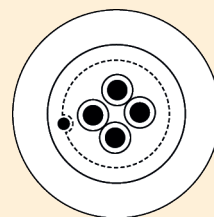
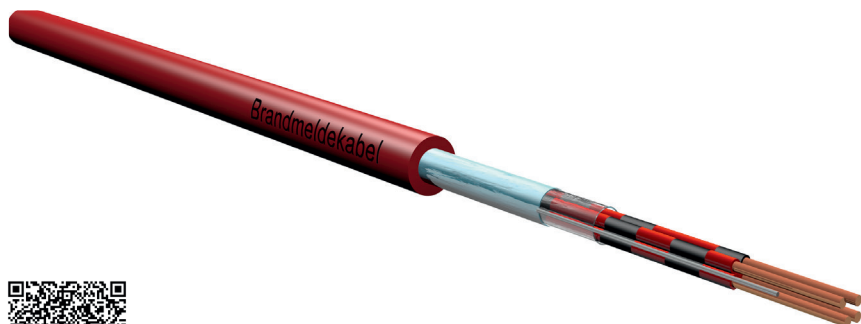


J-H(St)H BMK

LSOH fire signalisation cable

RoHS

CROSS SECTION



Acc. to VDE 0815

APPLICATION

This cable is used as a voice line in intercom units and telephone extensions for fixed installation in dry and damp rooms, as well as on external walls, protected against direct sunlight. Also for outdoor use. Not suitable for burying underground. It is halogen free and highly flame retardant. The static shield made from plastic-laminated metal foil protects the cable circuits against external electrical interferences to maintain the necessary capacitive coupling values and ensure accurate pulse transmission. Installation advice: when laid, these cables must be unwound from the coil or ring without any twists or kinks.

SPECIAL FEATURES

Sheath colour
Red

STRUCTURE

Conductor	Copper conductor, bare, solid, design structure according to DIN VDE 0815/9.85 0.8 mm diameter, halogen-free insulation HI 2, wall thickness 0.3 mm, cores stranded into pairs, 4 pairs stranded into bundles, core wrapping made from halogen-free foil, static wrapping with protective foil
Cores	Halogen-free polymer compound HI 2 according to VDE 0207 part 23 according to VDE 0815, bundle labelling using code numbers
Drain wire	Copper drain wire
Shield	Made from plastic-laminated aluminium foil with drain wire
Outer sheath	Halogen-free, flame-retardant HM 2

TECHNICAL DATA

Nominal voltage	300 V
Test voltage	800 V
Loop resistance	Max. 130 Ohm/km
Insulation resistance	Min. 100 MOhm x km
Cable attenuation	At 800 Hz approx. 1.5 dB/km
Operating capacity	Max. 120 nF/km
Operating temperature	-30°C to +70°C
Capacitive coupling	For 100 m max. 300 pF
Min. installation temperature	-5°C
Max. installation temperature	+50°C
Flame retardancy	HM 2
Bending radius	15 x cable diameter
Ozone resistance	HD 505.2.1 and 811
Smoke density	HD 606 and IEC 601034-1, 601034-2 and BS 7622 parts 1+2

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Fire load (kWh/m)	Product number
J-H(St)H	2x2x0.8 Bd	BRAND	25.0	8.5	77	0.30	2897001
J-H(St)H	4x2x0.8 Bd	BRAND	45.0	10.5	135	0.47	2897002
J-H(St)H	6x2x0.8 Bd	BRAND	65.0	12.0	165	0.58	2897003
J-H(St)H	10x2x0.8 Bd	BRAND	106.0	15.0	250	0.89	2897004
J-H(St)H	20x2x0.8 Bd	BRAND	206.0	19.0	420	1.53	2897005
J-H(St)H	30x2x0.8 Bd	BRAND	307.0	22.0	620	2.22	2897006
J-H(St)H	40x2x0.8 Bd	BRAND	407.0	25.5	850	2.83	2897007
J-H(St)H	50x2x0.8 Bd	BRAND	508.0	27.5	1000	3.45	2897008
J-H(St)H	60x2x0.8 Bd	BRAND	608.0	29.5	1150	3.95	2896002
J-H(St)H	80x2x0.8 Bd	BRAND	809.0	33.5	1550	5.20	2897009
J-H(St)H	100x2x0.8 Bd	BRAND	1010.0	37.5	1850	6.28	2897010