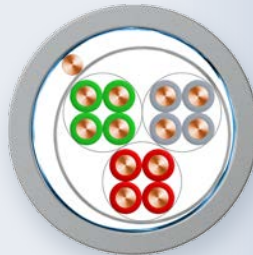


# Signal and fire alarm cables

DIN VDE 0815



## Advantages

- High safety standards
- Halogen-free
- In compliance with RoHS directive

## J-H(St)H

### Applications

Halogen-free installation cable with improved fire performance and system circuit integrity:

- for telephone-, measure and signal purposes
- fire alarm cable in buildings where people gather and for protection of valuables

### Construction

■ Conductors	Bare annealed copper
■ Insulation	BETAflam® halogen-free Copolymer
■ Core identification	acc. to VDE 0815
■ Stranding	Bundle stranding
■ Screen	Aluminium laminated polyester tape with bonding wire
■ Sheath	BETAflam® halogen-free Copolymer
■ Sheath colour	Grey or red (fire alarm cable)

### Electrical characteristics

Operating voltage	300 V peak
Test voltage	800 V, 50 Hz

### Thermal characteristics

Operation temperature	-30 °C up to +70 °C
Laying temperature	-5 °C up to +50 °C

### Bending radius

during laying	> 12 × outer Ø
fixed	> 8 × outer Ø

### Laying conditions

- Fixed installation in dry and moist areas, in or under plaster
- Outdoor laying only when protected from direct sunlight and other external impacts
- Not suitable in earth or concrete

### Standards / Material properties

- Halogen-free: IEC 60754-1, EN 50267-2-1, VDE 0482-267-2-1
- No corrosive gases: IEC 60754-2, EN 50267-2-2, VDE 0482-267-2-2
- Low smoke density: IEC 61034-1 and -2, EN 61034-1 and -2, VDE 0482-1034-1 and -2
- Flame retardant: IEC 60332-1, EN 60332-1, VDE 0482-332-1
- No flame propagation: IEC 60332-3-10 and -3-24, EN 60332-3-10, -24, VDE 0482-332-3-24

Cable type	Construction	Outer Ø	Weight	Cu factor	Order no.	
					Germany	Switzerland
	n × 2 × mm	mm	kg / km	kg / km		
J-H(St)H grey 0.6	2 × 2 × 0.6	5.4	48	14	LKI 8008 8800 0000	
J-H(St)H grey 0.6	4 × 2 × 0.6	7.4	80	25	LKI 8008 8900 0000	
J-H(St)H grey 0.6	6 × 2 × 0.6	7.7	105	37	LKI 8008 9000 0000	
J-H(St)H grey 0.6	10 × 2 × 0.6	9.1	140	59	LKI 8008 9100 0000	
J-H(St)H grey 0.6	20 × 2 × 0.6	13.5	245	116	LKI 8008 9200 0000	
J-H(St)H grey 0.6	30 × 2 × 0.6	15.1	330	172	LKI 8008 9300 0000	
J-H(St)H grey 0.6	50 × 2 × 0.6	18.6	570	286	LKI 8008 9500 0000	
J-H(St)H grey 0.8	2 × 2 × 0.8	6.8	66	25	LKI 8009 1700 0000	
J-H(St)H grey 0.8	4 × 2 × 0.8	9.1	105	45	LKI 8009 1800 0000	
J-H(St)H grey 0.8	6 × 2 × 0.8	9.6	135	65	LKI 8009 1900 0000	
J-H(St)H grey 0.8	10 × 2 × 0.8	11.2	205	106	LKI 8009 2000 0000	
J-H(St)H grey 0.8	20 × 2 × 0.8	16.5	370	206	LKI 8009 2100 0000	
J-H(St)H grey 0.8	40 × 2 × 0.8	19.5	850	407	LKI 8009 2300 0000	
J-H(St)H grey 0.8	50 × 2 × 0.8	21.4	950	508	LKI 8009 2400 0000	
J-H(St)H BMK red 0.8	2 × 2 × 0.8	6.8	66	25	LKI 8009 3600 0000	
J-H(St)H BMK red 0.8	4 × 2 × 0.8	9.1	105	45	LKI 8009 3700 0000	
J-H(St)H BMK red 0.8	6 × 2 × 0.8	9.6	135	65	LKI 8009 3800 0000	
J-H(St)H BMK red 0.8	10 × 2 × 0.8	11.2	205	106	LKI 8009 3900 0000	

Core identification acc. to VDE 0815

The cores of a quad have black rings.

Four cores (=one quad) are coloured:

- Quad 1: ● Red
- Quad 2: ● Green
- Quad 3: ● Grey
- Quad 4: ● Yellow
- Quad 5: ○ White

Cables having more than five quads:

Consecutive quads are marked with coloured plastic tapes.

Further designs upon request