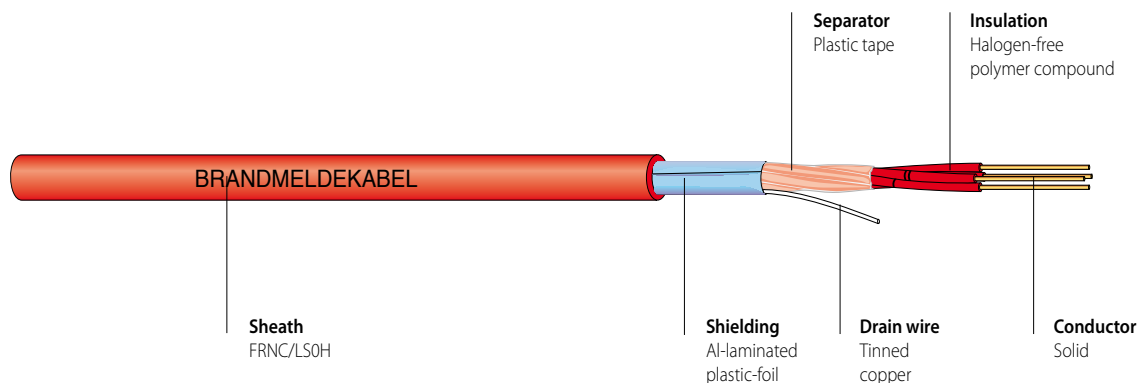


PREVENTIVE FIRE PROTECTION

J-H(St)H...Bd

Fire alarm cable max. 300V

Halogen-free, with improved fire characteristics
VDE 0815



PRODUCT INFORMATION



APPLICATION

Installation cable with electrostatic shield in fire vulnerable areas with high concentration of people and property value. For telecommunication and IT-systems for lossless data and signal transmission. Suitable for fixed laying in dry and humid rooms, on-wall and in-wall, outdoor use, no laying underground. Not to be used for power transmission. Permitted operating temperature at conductor of +70°C.

CONSTRUCTION

Conductor	Bare copper, solid, 0.6 or 0.8mm diameter
Insulation	Halogen-free polymer compound, EN 50290-2-26
Core identification	DIN VDE 0815 (different colours)
Stranding	Cores twisted to star-quads and quads to units
Shielding	Al-laminated plastic-foil with drain wire, copper tinned
Outer Sheath	Halogen-free polymer compound, EN 50290-2-27
Sheath colour	Red

ELECTRICAL PROPERTIES

Rated voltage	max. 300 V
Test voltage	800V 50Hz
Conductor resistance	
Loop:	0,6 mm max. 130 Ω/km 0,8 mm max. 73,2 Ω/km
Insulation resistance	min. 100 MΩ x km
Capacity	max. 120 nF/km

GENERAL PROPERTIES

Minimum bending radius	permanent installation	2,5 x D
	during installation	7,5 x D (D = outer diameter)
Operation temperatur	permanent installation	-30 °C bis +70 °C
Operation temperatur	during installation	- 5 °C bis +50 °C
 Zero halogen		
 non corrosive gases		
 Flame propagation		IEC 60754-2, EN 50267-2-2, VDE 0482-267-2-2
 Flame spread		IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
 Smoke density		IEC 60332-3-24 Cat. C, EN 60332-3-24 Cat. C, VDE 0482-332-3-24 Cat. C
		IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

PRODUCT INFORMATION

Article No.	No. of cores x conductor diameter					Cu content	Total weight	Outer diameter	Fire load
	n x mm					kg/km	app. kg/km	app. mm	app. kWh/m
184 707	1	x	2	x	0,8	15	56	6,0	0,12
157 892	2	x	2	x	0,8	25	69	7,0	0,16
157 893	4	x	2	x	0,8	45	136	11,0	0,29
157 894	6	x	2	x	0,8	65	152	11,0	0,35
157 895	10	x	2	x	0,8	106	230	13,0	0,55
1172 017	20	x	2	x	0,8	206	508	21,0	1,21
1172 018	30	x	2	x	0,8	307	599	22,0	1,36
1172 019	40	x	2	x	0,8	407	787	25,0	1,67
157 406	50	x	2	x	0,8	508	973	25,0	2,19
1172 020	60	x	2	x	0,8	608	1121	30,0	2,44
1172 021	80	x	2	x	0,8	809	1476	34,0	3,18
1172 022	100	x	2	x	0,8	1010	1805	38,0	4,07
Fire alarm cable with red sheath and imprint "Brandmeldekabel" (fire alarm cable).									

Fire alarm cable with red sheath and imprint "Brandmeldekabel" (fire alarm cable).

Additional dimensions available on request.