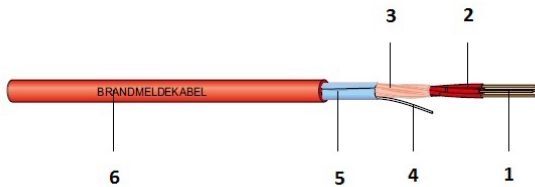


J-H(St)H...Bd fire alarm

Fire alarm cable, max. 300V

halogen-free, with improved fire characteristics,
VDE 0815



- 1 Conductor: solid
- 2 Insulation: halogen-free polymer compound
- 3 Separator: plastic tape
- 4 Drain wire: tinned copper
- 5 Shielding: Al-laminated plastic foil
- 6 Sheath: FRNC/LSZH



Description

Installation cable with electrostatic shield for areas vulnerable to fire and with high concentration of people and property value. For ICT systems for lossless data and signal transmission. Suitable for laying in dry and humid rooms, on-wall and in-wall, also for outdoor use. No underground laying. Not to be used for high-voltage transmission.

Permitted operating temperature at conductor of +70°C.

Costruzione

Colori delle anime	DIN VDE 0815
Conduttore	Bare copper, solid, 0.6 or 0.8 mm diameter
Isolamento	Halogen-free polymer compound, EN 50290-2-26
Outer sheath material	Halogen-free polymer compound, EN 50290-2-27
Shielding	Al-laminated plastic foil with drain wire, copper tinned
Stranding	Cores twisted to star-quads and quads to units

Proprietà generali

Installation temperature	-5 °C - +50 °C
Integrità del circuito	No
Integrità dell'isolamento	No
Operating temperature	-30 °C - +70 °C

Proprietà elettriche

Capacitive coupling 0,6 mm, 100m @ 800Hz	300 pF/km
Capacitive coupling 0,8 mm, 100m @ 800Hz	200 pF/km
Minimum insulation resistance	100 MΩ x km
operating capacity, 1km @ 800Hz	120 nF/km
peak voltage	300 V
resistenza massima del loop 0,6 mm	130 Ω/km

resistenza massima del loop 0,8 mm	73,2 Ω/km
Test voltage 50Hz, Core/Core	800 V
Test voltage 50Hz, Core/Screen	800 V

Proprietà meccaniche

Curvatura minima durante l'installazione (multicore)	7.5 x D
Minimum bending radius permanent (multi core)	2.5 x D

Standards

Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Flame Propagation	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Flame Spread	IEC 60332-3-24, EN 60332-3-24, AREI-RGIE Art.104-F2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD

Nota

Additional dimensions available on request.

Versions

Numero Materiale	Numero di coppie	Product	Outer sheath colour	Numero di core	Diametro mm	Diametro esterno della guaina [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Packing unit
157892	2	J-H(St)H...Bd fire alarm 2x2x0,8 mm	rosso	2	0,8	6,5	25	59	0,16	al metro
157893	4	J-H(St)H...Bd fire alarm 4x2x0,8 mm	rosso	2	0,8	8,5	45	111	0,29	al metro
157894	6	J-H(St)H...Bd fire alarm 6x2x0,8 mm	rosso	2	0,8	10,5	65	132	0,35	al metro
157895	10	J-H(St)H...Bd fire alarm 10x2x0,8 mm	rosso	2	0,8	13	106	216	0,55	al metro
1172017	20	J-H(St)H...Bd fire alarm 20x2x0,8 mm	rosso	2	0,8	15,5	206	508	1,21	al metro
1172018	30	J-H(St)H...Bd fire alarm 30x2x0,8 mm	rosso	2	0,8	16,3	307	599	1,36	al metro
1172019	40	J-H(St)H...Bd fire alarm 40x2x0,8 mm	rosso	2	0,8	16,5	407	787	1,67	al metro
1172021	80	J-H(St)H...Bd fire alarm 80x2x0,8 mm	rosso	2	0,8	31,5	809	1.476	3,18	al metro
1172022	100	J-H(St)H...Bd fire alarm 100x2x0,8 mm	rosso	2	0,8	38	1.010	1.805	4,07	al metro