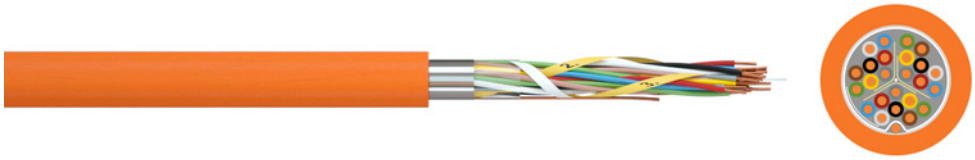
Communication cable with circuit integrity
JE-H(St)H ... Bd FE180/E30



Application: For signal transmission within systems for measuring-, control-, data- and regulation technology and for use as an installation cable in fire hazard rooms with a high concentration of people or material assets and for installation of fire survival cable systems according to DIN 4102 part 12. For fixed installation in dry and wet rooms.

Construction and technical data:

Standard:	VDE 0815
Conductor material:	copper, bare
Conductor construction:	Class 1 = solid
Insulation:	FRNC-compound HI1
Screen:	Foil
Sheathing material:	FRNC-compound HM2
Colour of outer sheath:	orange
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
Fire-resistant:	VDE 0472-814/IEC 60331-11 (FE 180)
Circuit integrity:	E30
Permitted outer cable temperature, fixed, °C:	-5 - +50 °C
Min. bending radius, fixed installation:	7.5 x Ø
Insulation resistance:	100 MOhmxkm

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

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Core identification:	colours acc. to VDE 0815
peak operating voltage, V:	225 V

part no.	part name	DI [mm]	Ø [mm]	Cu	G [kg]
100418	02X2X0.8	0.8	7.5	25	76
100419	04X2X0.8	0.8	9.3	45	130

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part no.	part name	Dl [mm]	Ø [mm]	Cu	G [kg]
100420	08X2X0.8	0.8	11.4	85	232
100421	12X2X0.8	0.8	13.5	126	318
100422	16X2X0.8	0.8	15	166	430
100423	20X2X0.8	0.8	16.5	206	514
100424	32X2X0.8	0.8	19.5	326	730
100425	40X2X0.8	0.8	22.5	407	962
100426	52X2X0.8	0.8	25.2	529	1200

Dl	diameter conductor
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

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