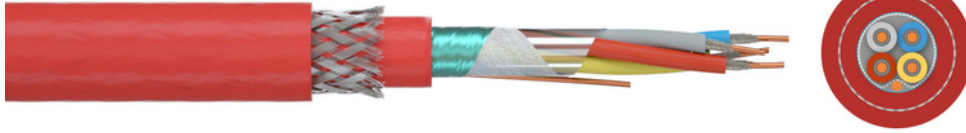


# Communication cable with circuit integrity

## JE-H(St)HRH FE180/E30-E90 Fire signalisation cable



**Application:** For signal transmission within systems for measuring-, control-, data- and regulation technology and as installation cable 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:

- Conductor
- MICA taping
- Core insulation
- Polyester and fiberglass tape
- Screen
- Sheath

<b>Standard:</b>	VDE 0815
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 1 = solid
<b>Insulation:</b>	FRNC-compound
<b>Material inner sheath:</b>	halogen-free
<b>Screen:</b>	plastic coated aluminium foil + solid copper drain wire
<b>Armour:</b>	steel wire braid, galvanized
<b>Sheathing material:</b>	halogen-free
<b>Colour of outer sheath:</b>	red
<b>Flame-retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
<b>Smoke density:</b>	DIN EN 61034/IEC 61034
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>Fire-resistant:</b>	VDE 0472-814/IEC 60331-11 (FE 180)
<b>Circuit integrity:</b>	E30-E90
<b>Permitted outer cable temperature, fixed, °C:</b>	-5 - +50 °C
<b>Bending radius, fixed installation:</b>	8 x Ø



*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.*

**JE-H(St)HRH FE180/E30-E90 Fire signalisation cable****Core identification:** colours acc. to VDE 0815**peak operating voltage, V:** 225 V

part no.	part name	DI [mm]	Ø [mm]	Cu	G [kg]
100465	02X2X0.8	0.8	11.3	25	174
100466	04X2X0.8	0.8	15.3	45	286
100467	08X2X0.8	0.8	22.1	85	465
100464	12X2X0.8	0.8	22.9	126	600
100468	20X2X0.8	0.8	28	206	777
102098	52X2X0.8	0.8	45.2	529	2130

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