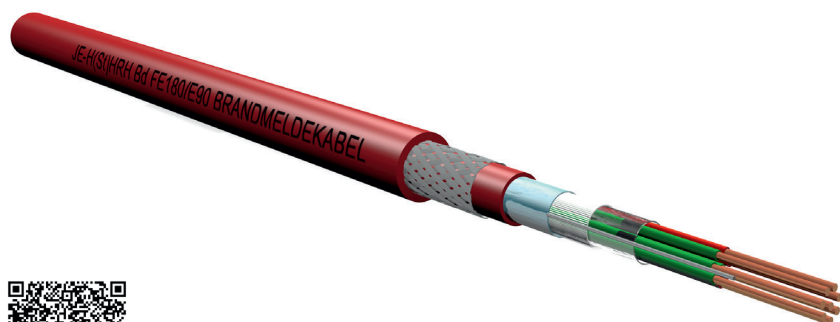
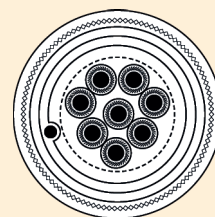


JE-H(St)HRH Bd FE180/E90

Fire resistant cable

RoHS

CROSS SECTION



Acc. to DIN VDE 0815

APPLICATION

For signal transmission in measuring, data and control technology systems and as an installation cable in fire risk areas with a high concentration of people or material assets. For setting up cable systems with an integrated functional integrity according to DIN 4102 T.12. For fixed installation in dry and damp rooms.

STRUCTURE

Conductor	Copper conductor, bare, class 1 – single core
Cores	Halogen-free insulation compound HI1, colour and bands
Drain wire	Copper drain wire
Shield	Foil
Interior/interim material	Halogen free
Mesh	Steel wire mesh
Outer sheath	Halogen-free polymer HM2

SPECIAL FEATURES

Properties
Halogen free

Sheath colour
Red, imprinted ('Brandmel-dekabel') or orange

TECHNICAL DATA

Nominal voltage	225 V
Test voltage	2000 V
Operating temperature	-30°C to +90°C
Installation temperature	-5°C to +50°C
Bending radius	On installation: 12 x outer diameter Fixed installation: 8 x outer diameter
Tests according to DIN VDE 0472 and IEC:	
Halogen free	DIN EN 50267/IEC 60754
Smoke density	DIN EN 61034/IEC 61034 Permissible cable outer temperature, fixed installation: -5°C to +50°C
Flame retardancy	VDE 0482-266-2-4

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
JE-H(St)HRH FE180/E90 2x2x0.8	25.0	11.3	174	*
JE-H(St)HRH FE180/E90 4x2x0.8	45.0	15.3	286	*
JE-H(St)HRH FE180/E90 8x2x0.8	85.0	22.1	465	*
JE-H(St)HRH FE180/E90 12x2x0.8	126.0	22.9	600	*
JE-H(St)HRH FE180/E90 20x2x0.8	206.0	28.0	777	*

* Products available on request