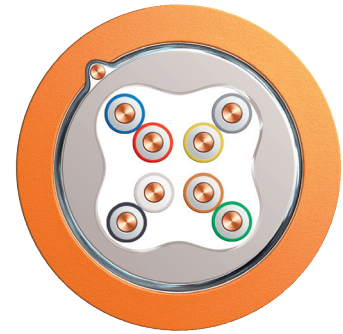
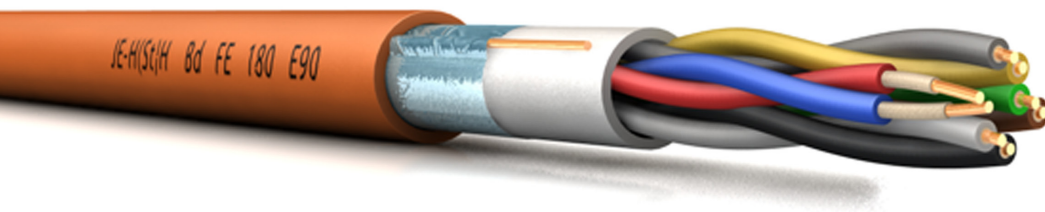


JE-H(St)H...Bd FE 180 E90 acc. to DIN VDE 0815

JE-H(St)H...Bd FE 180 E90 BMK* acc. to DIN VDE 0815



Application

Halogen free communication / control cables for installation in dry and damp areas, suitable for internal surface wiring, on cable tray or behind and in wall installation. Cable circuit integrity withstand of 180mins and functional integrity of terminated cable as part of a system 90mins.

Core Colours

Quad colours in each bundle:

Pair 1 : blue - red

Pair 2 : grey - yellow

Pair 3 : green - brown

Pair 4 : white - black

The individual bundles are identified by a numbered helix.

Cable construction

Conductor	Bare solid copper, 0.8mm Ø
Mica tape	Mica tapes wrapped around conductors
Insulation	Cross-linked halogen free polymer compound
Stranding	a) 2 conductors to form a pair
	b) 4 pairs to form a bundle
	c) bundles assembled in layers
Inner covering	Soft easystrip inner jacket
Screen	Alu./polyester tape with copper drain wire 0.8mm Ø
Outer Jacket	Halogen free polymer compound
Outer jacket colour	orange, *red (BMK)

Properties

- Halogen free
- Fire retardant (EN 50266-2-4, EN60332-1, IEC 60332-3 cat. C)
- Low smoke generation
- No emission of corrosive gases
- Insulation integrity FE 180 (DIN VDE 0472-814, IEC 60331)
- Circuit integrity E 90 (DIN 4102 Part 12)
- Service temperature: -30° C up to +70° C
- Laying temperature: -5° C up to +50° C
- Min. bending radius: 7.5 x Ø

No. of Pairs x dimension mm	Outer diameter approx. mm	Weight approx. kg/km	Calorific potential kWh/m
2 x 2 x 0.8	12.8	177	0.56
4 x 2 x 0.8	16.3	284	0.85
8 x 2 x 0.8	20.3	447	1.33
12 x 2 x 0.8	23.9	615	1.84
16 x 2 x 0.8	26.6	756	2.22
20 x 2 x 0.8	29.4	921	2.72
32 x 2 x 0.8	30.7	1074	3.87
40 x 2 x 0.8	33.6	1278	4.56
52 x 2 x 0.8	43.7	2011	5.76

* Cable for fire alarm systems