

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

Construction

- Conductor: copper, solid, bare, Ø 0,8 mm
- Core insulation: halogen-free compound
- Core stranding: 2 cores to pair, 4 pairs to lay up, bundles to lay up, 2 pairs to quad
- Lapping: plastic foil, at least two layers
- Screen: tinned drain wire Ø 0,80 mm, plastic-laminated aluminium foil
- Sheath: halogen-free compound
- Sheath colour: preferably pebble grey RAL 7032 upon request also blue RAL 5015 a. o.

Technical data

- (Conductor) loop resistance max. 73,2 Ω/km
- Insulation resistance min. 100 MΩ x km
- Mutual capacitance max. 120 nF/km
- Capacitance unbalance (800 Hz) max. 200 pF/100 m
- Test voltage core-core 500 V 50 Hz 1 min
- Test voltage core-screen 2000 V 50 Hz 1 min
- Peak operating voltage 225 V
- Temperature range during installation -5°C to + 50°C
- Temperature range stationary -30°C to + 70°C
- Minimum banding radius 7,5 x diameter

Properties under fire conditions

- Low flame Propagation acc. to IEC 60332-3 Kat. C
- No corrosive gases acc. to IEC 60754-2
- Smoke and gas density acc. to IEC 61034

Application: This halogen-free, flame resistant installation cable is used where increased fire protection of persons, material goods and buildings is required. It serves for signal transmission in communication systems with fixed installation. Not applicable for power installation.

Dimension	Sheath thickness appr. mm	Diameter appr. mm	Total-Weight kg/km	Cu-Weight kg/km	Article number
2 x 2 x 0,8	1,0	6,0	55,0	25,0	4900108020
4 x 2 x 0,8	1,0	7,7	90,0	45,0	4900108040
8 x 2 x 0,8	1,0	10,5	155,0	85,0	4900108080
12 x 2 x 0,8	1,0	11,5	205,0	126,0	4900108120
16 x 2 x 0,8	1,0	12,2	255,0	166,0	4900108160

Dimension	Sheaththickness appr. mm	Diameter appr. mm	Total- Weightkg/km	Cu-Weight kg/km	Article number
20 x 2 x 0,8	1,2	14,0	325,0	206,0	4900128200
24 x 2 x 0,8	1,2	14,9	380,0	246,0	4900128240
32 x 2 x 0,8	1,4	18,6	151,0	327,0	4900148320
40 x 2 x 0,8	1,4	20,0	620,0	407,0	4900148400
48 x 2 x 0,8	1,4	21,0	720,0	490,0	4900148480

- Further formats available on request
- All data and products subject to change