

JE-LiHCH... Bd acc. to DIN VDE 0815

Construction

- Conductor: copper strand, bare, $7 \times 0,3 \text{ mm} = 0,5 \text{ mm}^2$
- Core insulation: halogen-free compound
- Core stranding: 2 cores to pair, 4 pairs to lay up, bundles to lay up, 2-paired wire to star-quad
- Lapping: plastic foil
- Screen: tinned copper wire braid, (visual covering appr. 80 %), single wire diameter 0,2 mm
- Sheath: halogen-free compound, flame resistant acc. to DIN EN 60332-3-23
- Sheath colour: preferable grey RAL 7032

Technical data

- (Conductor) loop resistance max. 78,4 Ω/km
- Insulation resistance 100 $\Omega\text{W} \times \text{km}$
- Mutual capacitance (800 Hz) max. 120 nF/km
- cables up to 4 DA max. 144 nF/km
- Capacitance unbalance (800 Hz) max. 200 pF/100 m
- Peak operating voltage 225 V
- Test voltage core-core 500 V 50 Hz 1 min
- Test voltage core-screen 2000 V 50 Hz 1 min
- Temperature range during installation -5°C to $+50^\circ\text{C}$
- Temperature range stationary -30°C to $+70^\circ\text{C}$
- Minimum banding radius 7,5 x diameter

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 and measuring 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
1 x 2 x 0,5	1,0	6,2	65,0	35,0	4902050110
2 x 2 x 0,5	1,0	6,8	80,0	48,0	4902050210
4 x 2 x 0,5	1,0	9,1	130,0	84,0	4902050410
8 x 2 x 0,5	1,0	11,5	200,0	140,0	4902050810
12 x 2 x 0,5	1,2	14,1	285,0	193,0	4902051212
16 x 2 x 0,5	1,2	15,4	345,0	243,0	4902051612

Dimension	Sheaththickness appr. mm	Diameter appr. mm	Total- Weightkg/km	Cu-Weight kg/km	Article number
20 x 2 x 0,5	1,2	16,7	410,0	292,0	4902052012
24 x 2 x 0,5	1,4	18,8	490,0	342,0	4902052414
32 x 2 x 0,5	1,4	21,6	625,0	435,0	4902053214
40 x 2 x 0,5	1,6	24,7	780,0	531,0	4902054014
48 x 2 x 0,5	1,6	25,9	890,0	610,0	4902054816

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