



LiHV HALOGEN-FREE, flame resistant/LSZH

Construction

- Conductor: Tinned Copper DIN 46431 40500
- Core insulation: halogen-free mixture HFR Polyolefincompound
DIN VDE 0207 part 24 HM2 and HM4
- Shore hardness: D 49 +/- 3
- RoHs and REACH compliant

Technical data

- Test voltage: 2,5kV eff. 50 Hz 1 min.
- Insulation resistance: min. 20 MOhm x km at 20 °C
- Bending radius: moved: 15x outer diameter
unmoved: 10x outer diameter
- Temperature range: stationary: -30°C to +90°C
flexible: -15°C to +90°C

Ø Core mm ²	construction mm	outer Ø mm	max conductor resistance ?/km	operating voltage	Copper weight kg/km	article number
0,34	7 x 0,25	1,50 +/- 0,05	52,8	900	3,5	640340 + colour
0,50	16 x 0,20	1,80 +/- 0,10	38,2	900	4,8	640500 + colour
0,75	24 x 0,20	2,00 +/- 0,10	25,4	900	7,2	640750 + colour
1,00	32 x 0,20	2,10 +/- 0,10	19,1	900	9,7	641000 + colour
1,50	30 x 0,25	2,60 +/- 0,10	13,0	900	14,4	641500 + colour

ØCore mm²	constructionmm	outerØ mm	max conductor resisitance ?/km	operating voltage	Copper weight kg/km	article number
2,50	50 x 0,25	3,10+/- 0,15	8,70	900	24,0	642500 + colour

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