# HSLCH-JZ - 1,00 mm²

**Halogen-free machine control cable with overall copper braided screening; preferred EMC compatible cable type**

## Construction

- Conductor: stranded bare Cu conductor, fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Core insulation: halogen-free compound
- Black cores with printed consecutive number coding
- Green-yellow protective conductor (3 cores and over) in the outer layer
- Special versions without protective conductor: "OZ"
- Cross-sections 35.0 mm² and over with cores coloured to VDE 0293
- Cores twisted in layers, with optimal lay lengths
- Lapped with plastic film
- Braided screening made of tinned copper wire
- Outer sheath: halogen-free compound
- Sheath colour: RAL 7001 grey

## Technical Data

- Rated voltage: Uo/U 300/500 V
- Test voltage: 4000 V
- Bending radius: 15 x cable diameter
- Temperature range:
  flexible -15°C to +70°C
  stationary -40°C to +70°C

## Properties

- Flame retardant to IEC 60332-3
- Halogen-free to IEC 60754-1 and IEC 60754-2

## Special characteristics

- reduced fire propagation
- low smoke emission
- low fire load
- no corrosiveness
- recyclable

| Ø mm² | Cu-Weight kg/km | Outer-Ø mm | Total-Weight kg/km | Article number |
|---|---|---|---|---|
| 2 x 1,0 OZ | 50,0 | 6,5 | 66,0 | 2502100020 |
| 3 x 1,0 | 60,0 | 6,8 | 80,0 | 2503100000 |
| 3 x 1,0 OZ | 60,0 | 6,8 | 80,0 | 2503100020 |
| 4 x 1,0 | 75,0 | 7,3 | 100,0 | 2504100000 |
| 4 x 1,0 OZ | 75,0 | 7,3 | 100,0 | 2504100020 |
| 5 x 1,0 | 91,0 | 8,1 | 130,0 | 2505100000 |

| Ø mm² | Cu-Weight kg/km | Outer-Ø mm | Total-Weight kg/km | Article number |
|---|---|---|---|---|
| 7 x 1,0 | 117,0 | 8,8 | 160,0 | 2507100000 |
| 12 x 1,0 | 187,0 | 11,5 | 250,0 | 2501210000 |
| 18 x 1,0 | 253,5 | 13,9 | 382,0 | 2501810000 |
| 25 x 1,0 | 342,6 | 16,0 | 460,0 | 2502510000 |

- Weitere Anfertigungen auf Anfrage
- Alle Angaben ohne Gewähr

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