

Low-capacitance, shielded wiring single core with PVC-based outer sheath

### Product Description

Prevention of electromagnetic interferences on other components



### Application range

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- Wiring of measuring instruments, switch cabinets, electrical components and transmitter and receiver units
- In EMC critical environments

### Benefits

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- Prevention of electromagnetic interferences on other components

### Design

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- Strands of tinned copper wires
- Core insulation: Polyethylene (PE)
- Wrapped screening made from tinned copper wire
- PVC based outer sheath, transparent

### Product features

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- Flame retardant according to IEC 60332-1-2
- Low cable capacitance, short signal transmission time



**Technical Data**

**Peak working voltage**

500 V (not for power purpose)

**Based on**

VDE 0812

**Specific insulation resistance**

2 GOhm x cm

**Test voltage**

1200 V

**Range of temperature**

Occasional flexing: -5°C up to +70°C

Static: -30°C up to +80°C

**Article List**

Part number	Conductor cross section in mm <sup>2</sup>	Number of wires x wire-Ø in mm	Outer diameter in mm	Weight kg/km
4550115	0,14	18 x 0,1	2.1	10
4550116	0,25	14 x 0,15	2.3	15
4550117	0,5	16 x 0,2	2.9	19.5
4550118	0,75	24 x 0,2	3.1	28
4550119	1	32 x 0,2	3.3	30

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil

Photographs are not to scale and do not represent detailed images of the respective products.