

Shielded, PVC-based wiring single core

### Product Description

Prevention of electromagnetic interferences on other components



### Application range

---

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

### Benefits

---

- Prevention of electromagnetic interferences on other components

### Design

---

- Strands of tinned copper wires
- Core insulation: Based on PVC
- tinned copper braid
- PVC based outer sheath, transparent

### Product features

---

- Flame retardant according to IEC 60332-1-2



**Technical Data**

**Peak working voltage**

350 V (not for power purpose)

**Based on**

VDE 0812

**Specific insulation resistance**

10 GOhm x cm

**Test voltage**

800 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
4530101	0,14	18 x 0,1	2.6	13
4530102	0,25	14 x 0,15	3.1	18
4530103	0,5	16 x 0,2	3.4	20
4530104	0,75	24 x 0,2	3.7	31
4530105	1	32 x 0,2	4.5	35.92
4530106	1,5	30 x 0,25	4.9	39
4530107	2,5	50 x 0,25	5.8	55.3

**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.