





- shielded extension cable for shielding low-frequency electric and magnetic alternating fields
- very flexible and pliable cable for nonstationary electrical loads
- plastic-coated aluminium strip, twowire copper 1.0 mm<sup>2</sup> fine wire
- screen (alternating electric field, 50 Hz mains voltage)
- reduction of the alternating magnetic field through twisting
- protection class 1 with PE protective wire
- The shielded extension cables VK are very high quality processed cables with Schuko plug and Schuko socket for the reduction of low-frequency electric and magnetic alternating fields.

With some socket strips and extension cables available on the market, the cross-section of the cable (and thus the current-carrying capacity) is only designed for 1.00 mm<sup>2</sup>, and the permissible limit temperature under load can be exceeded. Prefer connecting cables with a cross-section of 1.5 mm2 so that the fuse can blow in the event of a short circuit.

Prefer devices with protection class 1. Protection class 1 (or protective grounding) means that all metal parts of a devices / lamps are connected to protective ground. Alternating electric fields are thus shielded and diverted. Products of protection class 1 always have a three-pole earthing contact plug and are thus connected to the protective earth conductor of the building installation (threepole: current wire, neutral wire, protective earth wire).

Order-No.: 300066 - 41-3425

Short-Desc.: VK 5,0 ws

Order-No.: 301157 - 41-3684

Short-Desc.: VK 5,0 sw

300066-1157-DATA.ITEC-V2.0.1-040722



#### **Extension cable**

## VK 5,0 black & white

## Technical data VK 5,0 white

length: 5,0 Metre colour: white

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#### Common technical data

insulation cable: polyvinyl chloride plastic-coated aluminium shield: strip, two-wire Cu fine wire 1.0 mm<sup>2</sup> operating voltage: (max.) 250 VAC / 50Hz 16A acc. to IEC 320-1 load: (max.) reduction of alternating beat 15 (single cores twisted magnetic field: against each other 15x per metre) protection class: (with protective wire) cross-section: 3 x 1.5 mm<sup>2</sup> + shielding wire fine wire 1.0 mm<sup>2</sup> diameter. Ø 8,4 mm ± 0,2 mm moulded, CEE-Norm 7/VII, angle protectioncontact plug, socket: DIN 49441

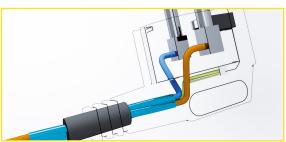
### Scope of application

very flexible and bendable cable for non-fixed electrical consumers

extension of lamps, monitors, computers, printers, copiers and other connections of movable equipment

# Scope of delivery

cable with Schuko plug and Schuko socket







Further information at www.biologadanell.com