



Low frequency



- shielded extension cable for shielding low-frequency electric and magnetic alternating fields
- very flexible and pliable cable for non-stationary electrical loads
- plastic-coated aluminium strip, two-wire 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 mm<sup>2</sup> 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 (three-pole: current wire, neutral wire, protective earth wire).

**Order-No.: 301156 - 41-3403**

Short-Desc.: VK 3,0 ws

**Order-No.: 300241 - 41-3640**

Short-Desc.: VK 3,0 sw



### Extension cable

#### VK 3,0 black & white

#### Technical data VK 3,0 white

length: 3,0 Metre

colour: white

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#### Common technical data

insulation cable: polyvinyl chloride  
Shield: plastic-coated aluminium strip, two-wire Cu fine wire 1.0 mm<sup>2</sup>

operating voltage: (max.) 250 VAC / 50Hz

load: (max.) 16A acc. to IEC 320-1

reduction of alternating magnetic field: Beat 15 (single cores twisted against each other 15x per metre)

protection class: 1 (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

angle protection-contact plug, socket: moulded, CEE-Norm 7/VII, 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

