Super-flexible H05VV-F power cable

High acceptance in Europe due to Harmonisation

- Super-flexible cable for handheld equipment
- Ozone-resistant according to EN 50396

Product description

Application range

- Very suitable for domestic appliances, electrical power tools, and various handyman tools
- H05VV-F cable types may not be used in commercial premises, with the exception of offices.
- Not for permanent outdoor use.

Benefits

- High acceptance in Europe due to Harmonisation

Product Make-up

- Super-fine strands of bare copper wire with an individual wire diameter of 0.07 mm
- PVC core insulation, cold-resistant
- PVC outer sheath, cold-resistant, orange (RAL 2003)

Norm references / Approvals
Product features

- Flame-retardant according IEC 60332-1-2
- Highly flexible at cold temperatures
- Design and geometry in compliance with harmonisation document
- Ozone-resistant according to EN 50396

Technical Data

Core identification code
- Colours according to VDE 0293-308, refer to Appendix
  - From 6 cores: black with white numbers
  - T9

Classification
- ETIM 5.0 Class-ID: EC001578
- ETIM 5.0 Class-Description: Flexible cable

Conductor stranding
- Super-fine wire
  - (diameter of each wire is 0.07 mm)

Minimum bending radius
- Occasional flexing: 10 x outer diameter
  - Fixed installation: 4 x outer diameter

Nominal voltage
- $U_0/U$: 300/500 V

Test voltage
- 3000 V

Protective conductor
- G = with GN-YE protective conductor
  - X = without protective conductor

Temperature range
- Flexing: -15°C to +60°C