



## Colour-coded connection cables made of high heat-resistant PVC

Possible to operate at higher peak temperature (almost 30% more) compared to conventional PVC cables

- Based on H05V2V2-F



## Product description

### Application range

- For connection of motors, transformers, reels, plants, machines, appliances, switch cabinets and other installations with a higher operating or ambient temperature

### Benefits

- Possible to operate at higher peak temperature (almost 30% more) compared to conventional PVC cables

### Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC, high heat-resistance
- Cores twisted in layers
- Outer sheath: PVC, heat-resistant, black (RAL 9005)

## Norm references / Approvals

- Based on VDE 0250 / 0285

## Product features

- Resistant to acids, alkalis and certain oils at room temperature
- Flame-retardant according IEC 60332-1-2
- Good UV-resistance

## Technical Data

Core identification code	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 7 cores: ÖLFLEX® colour code, refer to Appendix T7
Classification	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Conductor stranding	Fine wire acc. to VDE 0295, class 5 / IEC 60228 class 5 from 0.5 mm <sup>2</sup>
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U <sub>0</sub> /U: 300/500 V
Test voltage	2500 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Fixed installation: -20°C to +90°C Short-term: +105 °C