

LAPP KABEL STUTTGART ÖLFLEX® CLASSIC 100 BK POWER 0,6/1kV CE

High electrical performance due to 4 kV test voltage

- Good outdoor performance



Product description

Application range

- Plant engineering
Industrial machinery
Heating and air-conditioning systems
Power stations
Stage applications
- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)
- Suitable for outdoor applications
- Suitable for direct burial

Benefits

- High electrical performance due to 4 kV test voltage

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC, cold-resistant
- PVC outer sheath, cold-resistant, black (RAL 9005)

Product features

- Flame-retardant according IEC 60332-1-2
- UV and weather-resistant according to ISO 4892-2
- Ozone-resistant according to EN 50396
- Flexible down to -30°C

Technical Data

Core identification code	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: ÖLFLEX® colour code, refer to Appendix T7
Classification	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Conductor stranding	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Torsion movement in WTG	TW-0 & TW-1, refer to Appendix T0
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U ₀ /U: 600/1000 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Occasional flexing: -30°C to +70°C Fixed installation: -40°C to +80°C