ÖLFLEX® STATIC CY black

Closely screened, doubly insulated PVC single core for fixed installation

Cost-effective, double-insulated/sheathed single-core cable for fixed, unprotected installation indoors or outdoors, at most occasional flexing taking into account the higher minimum bending radii of 12.5 x cable outer diameter; High degree of screening enables a very good EMC performance; No additional protection such as a closed cable duct or protective conduit is required for installation

- An alternative to single-core NYY with overall braiding used as EMC-relevant screening
- EMC-compliant

CE RoHS

Product description

Application range

- Very suitable for power circuits as an external connection or for the internal wirings in electric and electronic equipment
- In dry or damp interiors with low mechanical stress conditions
- Can be used indoors as a connecting cable to the inverter in the photovoltaic sector
- Outdoor use is possible within the indicated operating temperature range

Benefits

- Cost-effective, double-insulated/sheathed single-core cable for fixed, unprotected installation indoors or outdoors, at most occasional flexing taking into account the higher minimum bending radii of 12.5 x cable outer diameter

- High degree of screening enables a very good EMC performance
- No additional protection such as a closed cable duct or protective conduit is required for installation

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: Based on PVC
- Nonwoven wrapping/plastic foil
- Tinned-copper braiding
- PVC-based outer sheath

Product features

- Flame retardant acc. to IEC 60332-1-2
- UV and weather-resistant according to ISO 4892-2
- Oil-resistant according to DIN EN 50290-2-22 (TM54)

Technical Data

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
Minimum bending radius	Fixed installation: 6 x outer diameter Occasional flexing: 12.5 x outer diameter
Nominal voltage	U_0/U: 600/1000 V
Test voltage	Core/screen: 2000 V
Temperature range	Fixed installation: -40°C to +80°C Occasional flexing: -30°C to +70°C