



ÖLFLEX® STATIC CY black

Closely screened, doubly insulated PVC single core for fixed installation



Info

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

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

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

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)

Product Make-up

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

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
U₀/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

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® STATIC CY black				
4600023	16	10.3	177	275
4600024	25	12.7	267	396
4600025	35	14.3	384	542
4600026	50	16.9	537	752
4600027	70	18.7	763	1004
4600028	95	21.7	1012	1368
4600029	120	24.7	1264	1719

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: Coil ≤ 30 kg, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- ÖLFLEX® CHAIN 90 CP
- ÖLFLEX® FD 90 CY refer to page 124

Accessories

- KS 20 cable shears refer to page 999