ÖLFLEX® STATIC CY black

Closely screened, doubly insulated PVC single core for fixed installation

ÖLFLEX® STATIC CY BLACK - Screened, doubly insulated PVC single core with 0,6/1kV for vaious applications in EMC-sensitive environments

Info

An alternative to single-core NYY with overall braiding used as EMC-relevant screening
EMC-compliant
Discontinued product - Will be substituted by ÖLFLEX® CHAIN 809 SC CY

Suitable for outdoor use

Cold-resistant

Oil-resistant

Interference signals

UV-resistant

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

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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:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 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

Note

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 and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Conductor cross-section (mm²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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

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