ÖLFLEX® SERVO 2YSLCY-JB
EMC-optimised motor cable, low-capacitance, double shielded

**Info**
- EMC-optimised design
- 4-core design in transparent and black
- 3+3 symmetry reduces common-mode interferences

**Benefits**
- EMC-compliant installation of speed-controlled electrical drives compliant with EN 61800-3
- High power transmission for large drives
- Longer cable connection possible between converter and drive due to low capacitance design
- Ground-symmetrical 3+3 version supports the reduction of bearing currents
- Versions with black outer sheath are suitable for outdoor use and direct burial

**Application range**
- Connecting cable between frequency converter and motor
- In dry, damp and wet interiors
- Paper industry
- Chemical industry
- Heavy industry

**Product features**
- Flame-retardant according to IEC 60332-1-2
- Designed for EMC compliance of speed-controlled drives (EN 61800-3)
- High power transmission for large drives
- Longer cable connection possible between converter and drive due to low capacitance design
- Ground-symmetrical 3+3 version supports the reduction of bearing currents
- Versions with black outer sheath are suitable for outdoor use and direct burial

**Technical data**
- Classification
  - ETIM 5.0 Class-ID: EC000057
  - ETIM 5.0 Class-Description: Power cable
- Core identification code
  - Coloured according to HD 308 S2 VDE 0293-308
- Conductor design
  - Fine wire according to VDE 0295 class 5 / IEC 60228 class 5
- Minimum bending radius
  - Occasional flexing: 15 x outer diameter
  - Fixed installation: 4 x outer diameter
- Nominal voltage
  - U0/U: 600/1000 V
- Test voltage
  - Core/Core: 4 kV
  - Core/Shield: 4 kV
- Protective conductor
  - G = with GN-YE protective conductor
  - X = without protective conductor
- Protective conductor of 3+3 version is split between the power cores in terms of the interstice filler
- Temperature range
  - Flexing: -5°C to +70°C
  - 3+3 core version: -15°C to +70°C
  - Fixed installation: -40°C to +70°C

**Article number, number of cores, conductor size, outer diameter, copper index, weight**

<table>
<thead>
<tr>
<th>Article number</th>
<th>Number of cores and mm² per conductor</th>
<th>Outer diameter [mm]</th>
<th>Copper index [kg/km]</th>
<th>Weight [kg/km]</th>
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<td>7,639.0</td>
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For current information see: www.lappgroup.com
Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Photographs are not to scale and do not represent detailed images of the respective products.

### Similar products
- ÖLFLEX® SERVO 9YSLCY-JB refer to page [P26478]

### Accessories
- SKINTOP® BRUSH ADD-ON refer to page [P208870]
- SKINTOP® MS-SC-M refer to page [P997]
- SKINTOP® MS-M BRUSH refer to page [P26484]
- SKINTOP® MS-HF-M SC refer to page [P297217]
- SKINTOP® MS-HF-M BRUSH refer to page [P297216]