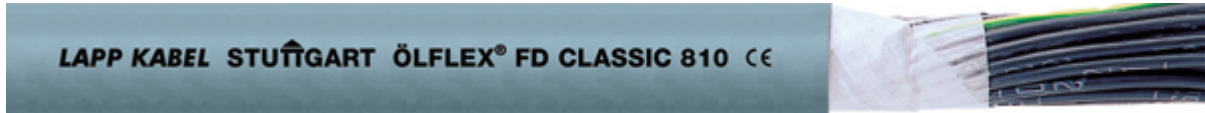


PVC insulated, numbered, PVC sheath

### Product Description

Well-proven, reliable;Economic solution



### Application range

- In power chains or moving machine parts
- Use in measuring, control and regulating circuits
- Power circuits for electrical equipment in automation engineering
- Assembly lines, production lines, in all kinds of machines
- Plant engineering

### Benefits

- Well-proven, reliable
- Economic solution

### Design

- Extra fine strands of plain copper wires (Class 6)
- Core insulation: PVC
- Cores twisted in layers in short lay lengths
- Nonwoven wrapping
- PVC outer sheath, grey (RAL 7001)

### Approvals (Norm references)

- For travel distances up to 10 m.
- Usage in Power Chains: Please comply with the assembly guidelines Appendix T3

### Product features

- Low adhesive surface
- Flame retardant according to IEC 60332-1-2



- In damp and wet rooms
- Designed for up to 5 million bending change cycles in the power chain
- Outdoor use only with UV protection and in accordance with the temperature range.

### Technical Data

**Core identification code**

Black with white numbers acc. to VDE 0293

**Based on**

Core in accordance with VDE 0245/0281

Sheath in accordance with VDE 0245/0281

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Extra fine wire according to VDE 0295 Class 6 / IEC 60228 Class 6

**Minimum bending radius**

For flexible applications: 7.5 x outside diameter  
Static: 4 x cable diameter

**Rated voltage**

U0/U:

300/500 V

**Test voltage**

4000 V

**Protective conductor**

G = with protective conductor GN/YE

X = without protective conductor

**Range of temperature**

Flexing: 0°C up to +70°C

Fixed installation: -40°C up to + 70°C

### Article List

| Part number | Number of cores and mm <sup>2</sup> per conductor | Outer diameter in mm | Copper index kg/km | Weight kg/km |
|-------------|---------------------------------------------------|----------------------|--------------------|--------------|
| 0026100     | 2 X 0,5                                           | 5.3                  | 10.0               | 40           |
| 0026101     | 3 G 0,5                                           | 5.7                  | 15.0               | 48           |
| 0026102     | 4 G 0,5                                           | 6.3                  | 19.2               | 58           |
| 0026103     | 5 G 0,5                                           | 6.8                  | 24.0               | 67           |
| 0026104     | 7 G 0,5                                           | 8.0                  | 34.0               | 88           |
| 0026105     | 12 G 0,5                                          | 9.5                  | 58.0               | 136          |
| 0026106     | 18 G 0,5                                          | 11.4                 | 86.4               | 195          |
| 0026107     | 25 G 0,5                                          | 13.7                 | 120.0              | 274          |
| 0026108     | 30 G 0,5                                          | 14.3                 | 144.0              | 312          |
| 0026109     | 34 G 0,5                                          | 15.6                 | 164.0              | 359          |
| 0026110     | 50 G 0,5                                          | 18.5                 | 240.0              | 515          |
| 0026119     | 2 X 0,75                                          | 5.7                  | 15.0               | 49           |
| 0026120     | 3 G 0,75                                          | 6.2                  | 22.0               | 60           |

|         |           |      |       |      |
|---------|-----------|------|-------|------|
| 0026121 | 4 G 0,75  | 6.8  | 29.0  | 73   |
| 0026122 | 5 G 0,75  | 7.4  | 37.0  | 86   |
| 0026123 | 7 G 0,75  | 8.9  | 51.0  | 117  |
| 0026124 | 12 G 0,75 | 10.6 | 87.0  | 181  |
| 0026125 | 16 G 0,75 | 12.0 | 116.0 | 234  |
| 0026126 | 18 G 0,75 | 12.7 | 130.0 | 259  |
| 0026127 | 25 G 0,75 | 15.2 | 181.0 | 363  |
| 0026130 | 2 X 1,0   | 6.1  | 19.0  | 58   |
| 0026131 | 3 G 1,0   | 6.6  | 29.0  | 72   |
| 0026132 | 4 G 1,0   | 7.3  | 39.0  | 88   |
| 0026133 | 5 G 1,0   | 8.0  | 48.0  | 104  |
| 0026134 | 7 G 1,0   | 9.6  | 67.0  | 142  |
| 0026135 | 12 G 1,0  | 11.4 | 115.0 | 221  |
| 0026136 | 14 G 1,0  | 12.3 | 134.4 | 258  |
| 0026137 | 16 G 1,0  | 13.0 | 153.0 | 287  |
| 0026138 | 18 G 1,0  | 13.9 | 173.0 | 324  |
| 0026139 | 25 G 1,0  | 16.4 | 240.0 | 445  |
| 0026140 | 26 G 1,0  | 16.4 | 249.6 | 459  |
| 0026141 | 34 G 1,0  | 18.9 | 326.4 | 595  |
| 0026142 | 41 G 1,0  | 20.6 | 394.0 | 712  |
| 0026143 | 50 G 1,0  | 22.3 | 480.0 | 854  |
| 0026144 | 65 G 1,0  | 25.4 | 624.0 | 1097 |
| 0026149 | 2 X 1,5   | 6.8  | 29.0  | 74   |
| 0026150 | 3 G 1,5   | 7.4  | 43.2  | 93   |
| 0026151 | 4 G 1,5   | 8.1  | 58.0  | 114  |
| 0026152 | 5 G 1,5   | 9.1  | 72.0  | 139  |
| 0026153 | 7 G 1,5   | 10.9 | 101.0 | 189  |
| 0026154 | 12 G 1,5  | 12.9 | 173.0 | 295  |
| 0026156 | 18 G 1,5  | 15.6 | 259.0 | 429  |
| 0026157 | 25 G 1,5  | 18.6 | 360.0 | 597  |
| 0026158 | 26 G 1,5  | 18.6 | 374.4 | 615  |
| 0026159 | 34 G 1,5  | 21.1 | 489.6 | 783  |
| 0026160 | 41 G 1,5  | 23.0 | 613.0 | 936  |
| 0026161 | 42 G 1,5  | 23.0 | 629.0 | 954  |
| 0026162 | 50 G 1,5  | 25.0 | 720.0 | 1134 |
| 0026170 | 3 G 2,5   | 9.0  | 72.0  | 145  |
| 0026171 | 4 G 2,5   | 10.0 | 96.0  | 179  |
| 0026172 | 5 G 2,5   | 11.2 | 120.0 | 218  |
| 0026173 | 7 G 2,5   | 13.6 | 168.0 | 303  |
| 0026174 | 12 G 2,5  | 16.0 | 288.0 | 473  |
| 0026175 | 14 G 2,5  | 17.2 | 336.0 | 548  |



|         |        |      |       |      |
|---------|--------|------|-------|------|
| 0026180 | 3 G 4  | 10.6 | 120.0 | 214  |
| 0026181 | 4 G 4  | 11.7 | 160.0 | 266  |
| 0026182 | 5 G 4  | 13.1 | 200.0 | 325  |
| 0026183 | 4 G 6  | 13.9 | 223.0 | 396  |
| 0026184 | 5 G 6  | 15.5 | 288.0 | 484  |
| 0026185 | 4 G 10 | 17.6 | 384.0 | 644  |
| 0026186 | 5 G 10 | 19.6 | 480.0 | 785  |
| 0026187 | 4 G 16 | 21.0 | 615.0 | 922  |
| 0026188 | 5 G 16 | 23.6 | 768.0 | 1133 |

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil  $\leq$  30 kg and  $\leq$  250 m, otherwise drum

Please specify the desired packaging size (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.

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