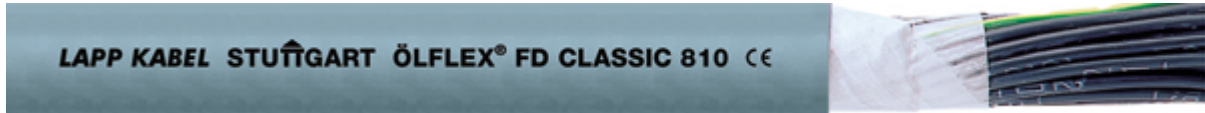


PVC insulated, numbered, PVC sheath

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 ² 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

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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