

ÖLFLEX® CLASSIC FD 810

Highly flexible control cable with PVC core insulation and PVC sheath

ÖLFLEX® CLASSIC FD 810 - Power and control cable for versatile use in power chains

Info

Core Line Performance - Medium to increased travel lengths or acceleration

The classic for multi-functional use



Power chain

Benefits

Well-proven and reliable

For various applications

Good combination of quality and price

Low particle emission at moved chain application

Application range

In power chains or moving machine parts

Suitable for use in measuring, control and regulating circuits

Assembly lines, production lines, in all kinds of machines

In damp or wet interiors

Only for outdoor use within the indicated operating temperature range, with UV-protection

Product features

Flame-retardant according IEC 60332-1-2

Low-adhesive surface

Norm references / Approvals

Core and outer sheath based on VDE 0245/0285

For use in power chains: Please comply with assembly guideline Appendix T3

Last Update (09.12.2022)

©2022 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ÖLFLEX® CLASSIC FD 810

Product Make-up

Extra-fine wire strand made of bare copper wires (class 6)
 Core insulation: PVC
 Cores twisted in layers in short lay lengths
 Non-woven wrapping
 PVC outer sheath, grey (similar RAL 7001)

Technical Data

| | |
|--|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable |
| Core identification code: | Black with white numbers acc. to VDE 0293-334 |
| Conductor stranding: | Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6 |
| Minimum bending radius: | Flexing: up from 7.5 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 4000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Flexing: 0 °C to +70 °C Fixed installation: -40 °C to +80 °C |
| Bending cycles & operation parameters: | See Selection Table A2-1 in the appendix of our online catalogue |

Note

Unless specified otherwise, the shown product values are nominal values at room temperature. 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 or ≤ 250 m, 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.

ÖLFLEX® CLASSIC FD 810

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|------------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC FD 810 | | | | |
| 0026100 | 2 X 0.5 | 5.3 | 10 | 40 |
| 0026101 | 3 G 0.5 | 5.7 | 15 | 48 |
| 0026102 | 4 G 0.5 | 6.3 | 19.2 | 58 |
| 0026103 | 5 G 0.5 | 6.8 | 24 | 67 |
| 0026104 | 7 G 0.5 | 8 | 34 | 88 |
| 0026105 | 12 G 0.5 | 9.5 | 58 | 136 |
| 0026106 | 18 G 0.5 | 11.4 | 86.4 | 195 |
| 0026107 | 25 G 0.5 | 13.7 | 120 | 274 |
| 0026108 | 30 G 0.5 | 14.3 | 144 | 312 |
| 0026109 | 34 G 0.5 | 15.6 | 164 | 359 |
| 0026110 | 50 G 0.5 | 18.5 | 240 | 515 |
| 0026119 | 2 X 0.75 | 5.7 | 15 | 49 |
| 0026120 | 3 G 0.75 | 6.2 | 22 | 60 |
| 0026121 | 4 G 0.75 | 6.8 | 29 | 73 |
| 0026122 | 5 G 0.75 | 7.4 | 37 | 86 |
| 0026123 | 7 G 0.75 | 8.9 | 51 | 117 |
| 0026124 | 12 G 0.75 | 10.6 | 87 | 181 |
| 0026125 | 16 G 0.75 | 12 | 116 | 234 |
| 0026126 | 18 G 0.75 | 12.7 | 130 | 259 |
| 0026127 | 25 G 0.75 | 15.2 | 181 | 363 |
| 0026130 | 2 X 1.0 | 6.1 | 19 | 58 |
| 0026131 | 3 G 1.0 | 6.6 | 29 | 72 |
| 0026132 | 4 G 1.0 | 7.3 | 39 | 88 |
| 0026133 | 5 G 1.0 | 8 | 48 | 104 |
| 0026134 | 7 G 1.0 | 9.6 | 67 | 142 |
| 0026135 | 12 G 1.0 | 11.4 | 115 | 221 |
| 0026136 | 14 G 1.0 | 12.3 | 134.4 | 258 |
| 0026137 | 16 G 1.0 | 13 | 153 | 287 |
| 0026138 | 18 G 1.0 | 13.9 | 173 | 324 |
| 0026139 | 25 G 1.0 | 16.4 | 240 | 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 | 712 |

Last Update (09.12.2022)

©2022 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

 You can find the current technical data in the corresponding data sheet.
 PN 0456 / 02_03_16

ÖLFLEX® CLASSIC FD 810

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 0026143 | 50 G 1.0 | 22.3 | 480 | 854 |
| 0026144 | 65 G 1.0 | 25.4 | 624 | 1097 |
| 0026149 | 2 X 1.5 | 6.8 | 29 | 74 |
| 0026150 | 3 G 1.5 | 7.4 | 43.2 | 93 |
| 0026151 | 4 G 1.5 | 8.1 | 58 | 114 |
| 0026152 | 5 G 1.5 | 9.1 | 72 | 139 |
| 0026153 | 7 G 1.5 | 10.9 | 101 | 189 |
| 0026154 | 12 G 1.5 | 12.9 | 173 | 295 |
| 0026156 | 18 G 1.5 | 15.6 | 259 | 429 |
| 0026157 | 25 G 1.5 | 18.6 | 360 | 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 | 613 | 936 |
| 0026161 | 42 G 1.5 | 23 | 629 | 954 |
| 0026162 | 50 G 1.5 | 25 | 720 | 1134 |
| 0026170 | 3 G 2.5 | 9 | 72 | 145 |
| 0026171 | 4 G 2.5 | 10 | 96 | 179 |
| 0026172 | 5 G 2.5 | 11.2 | 120 | 218 |
| 0026173 | 7 G 2.5 | 13.6 | 168 | 303 |
| 0026174 | 12 G 2.5 | 16 | 288 | 473 |
| 0026175 | 14 G 2.5 | 17.2 | 336 | 548 |
| 0026180 | 3 G 4.0 | 10.6 | 120 | 214 |
| 0026181 | 4 G 4.0 | 11.7 | 160 | 266 |
| 0026182 | 5 G 4.0 | 13.1 | 200 | 325 |
| 0026183 | 4 G 6.0 | 13.9 | 230.4 | 396 |
| 0026184 | 5 G 6.0 | 15.5 | 288 | 484 |
| 0026185 | 4 G 10.0 | 17.6 | 384 | 644 |
| 0026186 | 5 G 10.0 | 19.6 | 480 | 785 |
| 0026187 | 4 G 16.0 | 21 | 615 | 922 |
| 0026188 | 5 G 16.0 | 23.6 | 768 | 1133 |

Last Update (09.12.2022)

©2022 Lapp Group - Technical changes reserved

 Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03_16