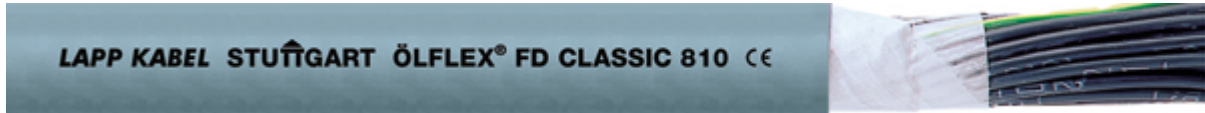


PVC insulated, numbered, PVC sheath

## 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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