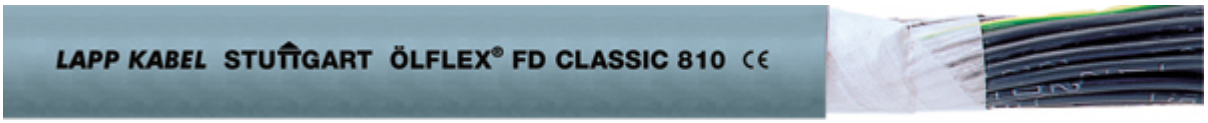
PVC insulated, numbered, PVC sheath

Product Description

Well-proven, reliable;Economic solution



CE RoHS

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 mm² 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 ≤ 30 kg and ≤ 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.