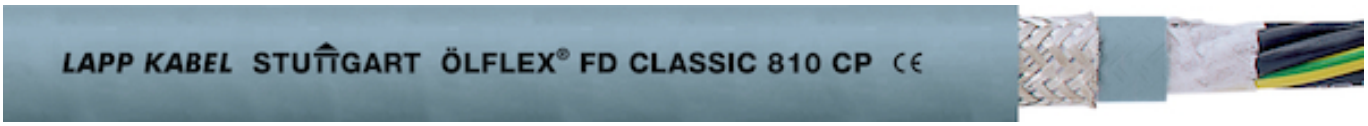
Screened, PVC-insulated, numbered, PVC inner and PUR outer sheath
Well-proven, reliable
Various applications



Info
Abrasion and cut-resistant
EMC-compliant

Application range
In power chains or moving machine parts
Particularly in wet areas of machine tools and transfer lines
Mechanical engineering
Suitable for use in measuring, control and regulating circuits
Power circuits for electrical equipments used in automation engineering

Design
Extra-fine wire strand made of bare copper wires (class 6)
Core insulation: PVC
Cores twisted in short lay lengths
Non-woven wrapping
PVC inner sheath
Tinned-copper braiding
PUR outer sheath, grey (RAL 7001) or green (RAL 6018)

Approvals (Norm references)
For travel distances up to 10 m.
For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

Product features
Low-adhesive surface
Oil-resistant
Flame-retardant according to IEC 60332.1.2
In dry, damp or wet interiors with normal mechanical stress conditions
Designed for 2 up to 8 million bending/unbending cycles in the power chain. Further informations regarding service life see table T0 of the appendix of the Lapp catalogue.

Remark
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. Refer to 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 are not to scale and do not represent detailed images of the respective products.

Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293
Based on:	Cores according to VDE 0245/0281 Outer sheath in accordance with VDE 0245/0282
Specific insulation resistance:	> 20 GOhm x cm
Conductor stranding:	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius:	For flexible use: 7.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U_0/U: 300/500 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
0026400	2 X 0,5	6.9	33.0	70
0026401	3 G 0,5	7.3	39.0	80
0026402	4 G 0,5	7.9	46.0	94
0026403	5 G 0,5	8.4	54.0	106
0026404	7 G 0,5	9.8	70.0	138
0026405	12 G 0,5	11.3	100.0	194
0026419	2 X 0,75	7.3	39.0	81
0026420	3 G 0,75	7.8	48.0	95
0026421	4 G 0,75	8.4	59.0	111
0026422	5 G 0,75	9.0	69.0	128
0026423	7 G 0,75	10.7	90.0	171
0026424	12 G 0,75	12.4	129.0	244
0026425	16 G 0,75	14.2	186.0	328
0026426	18 G 0,75	14.9	205.0	356
0026427	25 G 0,75	17.4	271.0	479
0026430	2 X 1,0	7.7	46.0	93
0026431	3 G 1,0	8.2	57.0	109
0026432	4 G 1,0	8.9	70.0	129
0026433	5 G 1,0	9.8	81.0	154
0026434	7 G 1,0	11.4	110.0	200
0026435	12 G 1,0	13.4	182.0	304
0026438	18 G 1,0	16.1	254.0	429
0026439	25 G 1,0	18.8	365.0	593
0026449	2 X 1,5	8.4	58.0	112
0026450	3 G 1,5	9.0	75.0	133
0026451	4 G 1,5	9.9	91.0	163
0026452	5 G 1,5	10.9	112.0	193
0026453	7 G 1,5	12.7	145.0	252
0026454	12 G 1,5	15.1	247.0	391
0026456	18 G 1,5	17.8	348.0	542
0026457	25 G 1,5	21.2	498.0	767
0026470	3 G 2,5	10.8	119.0	199
0026471	4 G 2,5	11.8	161.0	238
0026472	5 G 2,5	13.2	194.0	297

Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
0026473	7 G 2,5	15.8	262.0	403
0026474	12 G 2,5	18.2	410.0	589
0026475	14 G 2,5	19.8	490.0	702
0026481	4 G 4	13.7	238.0	349
0026483	4 G 6	16.1	318.0	499
0026484	5 G 6	17.7	410.0	596
0026485	4 G 10	20.2	521.0	842
0026487	4 G 16	23.6	780.0	1173