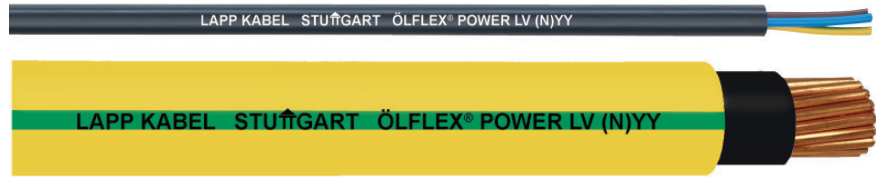


ÖLFLEX® POWER LV (N)YY
Low voltage power cables



Info

- Low voltage power cable 0.6/1 kV
- Unarmoured, PVC/PVC



Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Power and control circuit
- Telecom power supply

Product features

- Cable construction in acc. to IEC 60502-1
- Flame-retardant acc. to IEC 60332-1-2
- UV-resistant outer sheath for outdoor application

Approvals (Norm references)



Design

- Stranded or solid plain annealed copper wire in circular or sectorial shape conductor
- PVC core insulation
- PVC outer sheath
- Sheath colour, gn/ye for single core and black for multicore

Technical data

- Core identification code**
acc. to BS 7671:2004
- Based on**
IEC 60502-1
- Specific insulation resistance**
> 10 GOhm x cm
- Conductor stranding**
acc. to IEC 60228 Cl.1 and Cl.2
- Minimum bending radius**
Fixed installation: 8 x cable diameter
- Nominal voltage**
U₀/U: 600/1000 V
- Test voltage**
3500 V
- Temperature range**
Fixed installation: -20°C to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
Solid Conductor (Class 1)				
3800100	1 x 1.5	6.0	14.0	52
3800108	1 x 2.5	6.4	22.5	65
3800116	1 x 4	7.3	36.0	95
3800102	2 x 1.5	10.0	28.5	135
3800110	2 x 2.5	10.8	45.8	170
3800118	2 x 4	12.5	73.6	240
3800104	3 x 1.5	10.5	42.8	160
3800112	3 x 2.5	11.4	68.6	200
3800120	3 x 4	13.2	110.4	290
3800106	4 x 1.5	11.3	57.0	185
3800114	4 x 2.5	12.3	91.5	240
3800122	4 x 4	14.4	147.2	350
3804001	5 x 1.5	12.2	69.8	203
3804003	5 x 2.5	13.4	115.0	275
3804004	5 x 4	16.0	184.0	408
Stranded Conductor (Class 2)				
3800101	1 x 1.5	6.2	14.0	55
3800109	1 x 2.5	6.7	22.5	70
3800117	1 x 4	7.6	36.0	100
3800124	1 x 6	8.2	54.0	125
3800128	1 x 10	9.2	90.0	175
3800133	1 x 16	10.2	144.0	240
3800138	1 x 25	11.9	228.0	350
3800146	1 x 35	13.1	317.8	460
3800154	1 x 50	14.8	454.0	595
3800159	1 x 70	16.6	635.6	810
3800164	1 x 95	19.2	862.6	1110
3800103	2 x 1.5	10.4	28.5	145
3800111	2 x 2.5	11.5	45.8	180
3800119	2 x 4	13.5	73.6	255
3800125	2 x 6	15.0	110.4	285
3800129	2 x 10	17.0	184.0	395
3800134	2 x 16	19.0	294.4	590
3800139	2 x 25	22.0	465.0	900
3800148	2 x 35 (S)	20.0	644.0	930
3800155	2 x 50 (S)	23.0	920.0	1260
3800160	2 x 70 (S)	26.0	1,288.0	1700
3800165	2 x 95 (S)	30.0	1,748.0	2310
3800105	3 x 1.5	11.5	42.8	165
3800113	3 x 2.5	12.0	68.6	210
3800121	3 x 4	14.0	110.4	305
3800126	3 x 6	15.5	165.6	370
3800135	3 x 16	20.0	441.6	740
3800141	3 x 25	24.0	697.5	1160

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800150	3 x 35 (S)	23.0	966.0	1330
3800156	3 x 50 (S)	26.0	1,380.0	1750
3800161	3 x 70 (S)	29.0	1,932.0	2435
3800166	3 x 95 (S)	35.0	2,622.0	3360
3800107	4 x 1.5	12.0	57.0	200
3800115	4 x 2.5	13.0	91.5	255
3800123	4 x 4	15.5	147.2	375
3800127	4 x 6	17.0	220.8	455
3800132	4 x 10	19.0	368.0	665
3800137	4 x 16	22.0	588.8	930
3800144	4 x 25	25.6	930.0	1465
3800151	3 x 35 + 16	24.7	1,116.2	1570
3800153	4 x 35 (S)	26.0	1,288.0	1740
3800157	3 x 50 + 25	28.3	1,544.8	2220
3800158	4 x 50 (S)	29.0	1,840.0	2320
3800162	3 x 70 + 35	32.0	2,219.3	2930
3800163	4 x 70 (S)	33.0	2,576.0	3215
3800167	3 x 95 + 50	37.5	3,066.7	3530
3800168	4 x 95 (S)	39.0	3,496.0	4400
3804002	5 x 1.5	12.4	69.8	205
3800970	5 x 2.5	13.4	115.0	275
3800971	5 x 4	16.0	184.0	408
3804005	5 x 6	17.5	276.0	545
3804006	5 x 10	20.0	460.0	811
3804007	5 x 16	23.0	736.0	1195
3804008	5 x 25	27.6	1,162.5	1814
3800972	5 x 35	31.0	1,627.5	2450
3804009	7 x 1.5	13.2	97.7	260
3804010	12 x 1.5	17.0	167.4	408
3804011	14 x 1.5	17.7	195.3	463
3804012	16 x 1.5	18.7	223.2	518
3804013	19 x 1.5	19.6	265.1	597
3804014	24 x 1.5	22.8	334.8	742
3804015	27 x 1.5	23.3	376.7	817
3804016	37 x 1.5	26.1	516.2	1077
3804017	48 x 1.5	30.0	669.6	1382
3804018	7 x 2.5	14.5	161.0	356
3804019	12 x 2.5	18.7	276.0	571
3804020	14 x 2.5	19.6	322.0	650
3804021	16 x 2.5	20.7	368.0	731
3804022	19 x 2.5	21.8	437.0	848
3804023	24 x 2.5	25.4	552.0	1058
3804024	27 x 2.5	26.0	621.0	1170
3804025	37 x 2.5	29.0	851.0	1556
3804026	48 x 2.5	33.6	1,104.0	2017

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.