



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

Product Make-up

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

Technical data

- Classification**
ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057
- Core identification code**
acc. to BS 767 1:2004
- 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
- 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)
ÖLFLEX® POWER LV (N)YY - Solid Conductor (Class 1)				
3800100	1 X 1.5	6.0	14.0	52
3800102	2 X 1.5	10.0	28.5	135
3800104	3 X 1.5	10.5	42.8	160
3800106	4 X 1.5	11.3	57.0	185
3804001	5 X 1.5	12.2	69.8	203
3800108	1 X 2.5	6.4	22.5	65
3800110	2 X 2.5	10.8	45.8	170
3800112	3 X 2.5	11.4	68.6	200
3800114	4 X 2.5	12.3	91.5	240
3804003	5 X 2.5	13.4	115.0	275
3800116	1 X 4	7.3	36.0	95
3800118	2 X 4	12.5	73.6	240
3800120	3 X 4	13.2	110.4	290
3800122	4 X 4	14.4	147.2	350
3804004	5 X 4	16.0	184.0	408
ÖLFLEX® POWER LV (N)YY - Stranded Conductor (Class 2)				
3800101	1 X 1.5	6.2	14.0	55
3800103	2 X 1.5	10.4	28.5	145
3800105	3 X 1.5	11.5	42.5	165
3800107	4 X 1.5	12.0	57.0	200
3804002	5 X 1.5	12.4	69.8	205
3804009	6 X 1.5	13.2	97.7	260
3804010	7 X 1.5	17.0	167.4	408
3800109	12 X 1.5	6.7	22.5	70
3800111	1 X 2.5	11.5	45.8	180
3800113	2 X 2.5	12.0	68.5	210
3800115	3 X 2.5	13.0	91.5	255
3800970	4 X 2.5	13.4	115.0	275
3804018	5 X 2.5	14.5	161.0	356
3804019	7 X 2.5	18.7	276.0	571
3800117	12 X 2.5	7.6	36.0	100
3800119	1 X 4	13.5	73.6	255
3800121	2 X 4	14.0	110.4	305
3800123	3 X 4	15.5	147.2	375
3800971	4 X 4	16.0	184.0	408
3800124	5 X 4	8.2	54.0	125
3800125	1 X 6	15.0	110.4	285
3800126	2 X 6	15.5	165.6	370

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800127	4 X 6	17.0	220.8	455
3804005	5 X 6	17.5	276.0	545
3800128	1 X 10	9.2	90.0	175
3800129	2 X 10	17.0	184.0	395
3800130	3 X 10	17.5	288.0	515
3800132	4 X 10	19.0	368.0	665
3804006	5 X 10	20.0	460.0	811
3800133	1 X 16	10.2	144.0	240
3800134	2 X 16	19.0	294.0	590
3800135	3 X 16	20.0	441.6	740
3800137	4 X 16	22.0	588.8	930
3804007	5 X 16	23.0	736.0	1,195
3800138	1 X 25	11.9	228.0	350
3800139	2 X 25	22.0	465.0	900
3800141	3 X 25	24.0	697.5	1,160
3800144	4 X 25	25.6	930.0	1,465
3804008	5 X 25	27.6	1,162.5	1,814
3800146	1 X 35	13.1	317.8	460
3800148	2 X 35 (S)	20.0	644.0	930
3800150	3 X 35 (S)	23.0	966.0	1,330
3800151	3 X 35 + 16	24.7	1,116.2	1,570
3800153	4 X 35 (S)	26.0	1,288.0	1,740
3800972	5 X 35	31.0	1,627.5	2,450
3800154	1 X 50	14.8	454.0	595
3800155	2 X 50 (S)	23.0	920.0	1,260
3800156	3 X 50 (S)	26.0	1,380.0	1,750
3800157	3 X 50 + 25	28.3	1,544.8	2,220
3800158	4 X 50 (S)	29.0	1,840.0	2,320
3800159	1 X 70	16.6	635.6	810
3800160	2 X 70 (S)	26.0	1,288.0	1,700
3800161	3 X 70 (S)	29.0	1,932.0	2,435
3800162	3 X 70 + 35	32.0	2,219.3	2,930
3800163	4 X 70 (S)	33.0	2,576.0	3,215
3800164	1 X 95	19.2	862.6	1,110
3800165	2 X 95 (S)	30.0	1,748.0	2,310
3800166	3 X 95 (S)	35.0	2,622.0	3,360
3800167	3 X 95 + 50	37.5	3,066.7	3,530
3800168	4 X 95 (S)	39.0	3,496.0	4,400

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
 • Photographs are not to scale and do not represent detailed images of the respective products.

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