

ÖLFLEX® POWER LV (N)YYRY

Low voltage power cables



Info

- Low voltage power cable 0.6 / 1 kV
- Armoured, PVC/PVC/SWA/PVC



Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts

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)



Product Make-up

- Stranded plain annealed copper wires in circular shape conductor
- PVC core insulation
- PVC inner sheath, black
- Galvanized steel wire armoured
- PVC outer sheath, black
- Also available in LSHF version

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.2
- Minimum bending radius**
10 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)
3803077	2 x 1.5	13.8	28.5	335
3800199	3 x 1.5	14.3	42.8	375
3800200	4 x 1.5	15.1	57.0	425
3800201	5 x 1.5	16.0	70.0	480
3800202	7 x 1.5	17.7	98.0	644
3800203	10 x 1.5	21.0	140.0	835
3800204	12 x 1.5	21.5	168.0	899
3803078	14 x 1.5	23.0	196.0	1113
3803079	16 x 1.5	24.0	224.0	1188
3800205	19 x 1.5	24.8	266.0	1305
3802972	21 x 1.5	26.0	294.0	1398
3800206	27 x 1.5	28.5	378.0	1656
3802973	31 x 1.5	30.5	434.0	1836
3800207	37 x 1.5	31.5	518.0	2024
3800208	48 x 1.5	36.8	672.0	2767
3800209	3 x 2.5	15.2	68.4	439
3800210	4 x 2.5	16.2	91.2	503
3800211	5 x 2.5	17.9	114.0	670
3800212	7 x 2.5	19.0	158.2	776
3800213	10 x 2.5	23.3	226.0	1145
3800214	12 x 2.5	24.0	271.2	1240
3800215	19 x 2.5	27.0	442.0	1630
3802974	21 x 2.5	28.1	488.0	1750
3800216	27 x 2.5	31.3	628.0	2115
3800217	37 x 2.5	36.0	860.0	2891
3800218	48 x 2.5	40.0	1,116.0	3555
3800219	3 x 4	18.0	110.4	666
3800220	4 x 4	19.2	147.2	770
3800221	5 x 4	20.4	184.0	874
3800222	7 x 4	21.8	257.6	1039
3800223	10 x 4	27.1	368.0	1532
3800224	12 x 4	27.8	441.6	1691
3800225	19 x 4	32.0	699.2	2292
3800226	27 x 4	39.0	993.6	3330
3800227	37 x 4	43.1	1,361.6	4147
3800228	48 x 4	50.2	1,766.4	5584
3802971	2 x 6	18.4	110.4	672
3800229	3 x 6	19.2	165.6	786
3800230	4 x 6	20.6	220.8	916
3800231	5 x 6	22.0	276.0	1058
3800232	3 x 10	21.2	277.8	1009
3800233	4 x 10	23.5	370.4	1333
3800234	5 x 10	25.2	370.4	1536
3803075	4 x 16	26.1	588.8	1736
3803076	4 x 25	30.5	926.0	2379

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.