

# ÖLFLEX® POWER LV (N)2XYRY

## Low voltage power cables



**Info**

- Low voltage power cable 0.6/1 kV
- Multicore, Armoured (SWA) XLPE/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 or sectorial shape conductor
- XLPE 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**  
> 1000 GOhm x cm
- Conductor stranding**  
acc. to IEC 60228 Cl.2
- Minimum bending radius**  
10 x cable diameter
- Nominal voltage**  
U<sub>i</sub>/U: 600/1000 V
- Test voltage**  
3500 V
- Temperature range**  
Fixed installation: -40°C to +90°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>2 core</b>				
3800330	2 x 1.5	13.4	28.2	323
3800333	2 x 2.5	14.3	46.0	374
3800336	2 x 4	15.4	73.6	445
3800339	2 x 6	17.2	110.4	610
3800342	2 x 10	19.1	184.0	775
3800345	2 x 16	21.2	294.4	980
3800348	2 x 25	25.0	460.0	1472
3800356	2 x 35 (S)	27.7	644.0	1815
3800362	2 x 50 (S)	30.8	920.0	2287
3800366	2 x 70 (S)	36.0	1,288.0	3205
3800370	2 x 95 (S)	40.5	1,748.0	4040
3800374	2 x 120 (S)	44.2	2,208.0	4850
3800378	2 x 150 (S)	49.8	2,760.0	6274
3800382	2 x 185 (S)	54.8	3,404.0	7485
3800386	2 x 240 (S)	61.2	4,416.0	9260
3800390	2 x 300 (S)	66.8	5,580.0	11064
<b>3 core</b>				
3800331	3 x 1.5	14.0	42.3	356
3800334	3 x 2.5	14.8	69.0	418
3800337	3 x 4	16.0	110.4	507
3800340	3 x 6	18.0	165.6	710
3800343	3 x 10	20.0	276.0	925
3800346	3 x 16	23.0	441.6	1350
3800350	3 x 25	26.7	690.0	1840
3800358	3 x 35 (S)	29.5	966.0	2290
3800363	3 x 50 (S)	32.7	1,380.0	2958
3800367	3 x 70 (S)	38.7	1,932.0	4205
3800371	3 x 95 (S)	43.0	2,622.0	5306
3800375	3 x 120 (S)	48.2	3,312.0	6830
3800379	3 x 150 (S)	53.0	4,140.0	8262
3800383	3 x 185 (S)	58.3	5,106.0	9904
3800387	3 x 240 (S)	65.2	6,624.0	12341
3800391	3 x 300 (S)	71.2	8,280.0	14900
<b>4 core</b>				
3800332	4 x 1.5	14.6	56.4	398
3800335	4 x 2.5	15.7	92.0	478
3800338	4 x 4	17.7	147.2	679
3800341	4 x 6	19.1	220.8	829
3800344	4 x 10	21.4	368.0	1093
3800347	4 x 16	24.7	588.8	1600
3800353	4 x 25	28.9	920.0	2228
3800359	3 x 35 + 16	30.1	1,113.2	2521
3800361	4 x 35 (S)	31.0	1,288.0	2817

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800364	3 x 50 +25	34.8	1,610.0	3560
3800365	4 x 50 (S)	37.0	1,840.0	3990
3800368	3 x 70 +35	40.0	2,254.0	4688
3800369	4 x 70 (S)	42.2	2,576.0	5222
3800372	3 x 95 +50	44.7	3,082.0	5984
3800373	4 x 95 (S)	48.2	3,496.0	7064
3800376	3 x 120 +70	51.0	3,956.0	7869
3800377	4 x 120 (S)	53.1	4,416.0	8609
3800380	3 x 150 +70	54.6	4,784.0	9172
3800381	4 x 150 (S)	58.2	5,520.0	10352
3800384	3 x 185 +95	60.7	5,980.0	11204
3800385	4 x 185 (S)	64.6	6,808.0	12530
3800388	3 x 240 +120	67.3	7,728.0	13891
3800389	4 x 240 (S)	71.7	8,832.0	15668
3800392	3 x 300 +150	75.0	9,660.0	17661
3800393	4 x 300 (S)	80.3	11,040.0	19982
<b>5 core</b>				
3804054	5 x 1.5	15.5	70.5	445
3804055	5 x 2.5	17.4	115.0	627
3804056	5 x 4	18.8	184.0	774
3804057	5 x 6	20.4	276.0	950
3804058	5 x 10	23.6	460.0	1406
3804059	5 x 16	26.5	736.0	1867
3804060	5 x 25	31.4	1,150.0	2636
3804061	5 x 35	35.7	1,610.0	3626
<b>6 core and above</b>				
3804062	7 x 1.5	17.1	98.7	607
3804063	12 x 1.5	20.6	169.2	837
3804064	14 x 1.5	21.4	197.4	909
3804065	16 x 1.5	23.0	225.6	1118
3804066	19 x 1.5	23.9	267.9	1210
3804067	24 x 1.5	26.8	338.4	1451
3804068	27 x 1.5	27.3	380.7	1536
3804069	37 x 1.5	30.0	521.7	1876
3804070	48 x 1.5	34.5	676.8	2497
3804071	7 x 2.5	18.4	161.0	736
3804072	12 x 2.5	23.1	276.0	1176
3804073	14 x 2.5	24.0	322.0	1286
3804074	16 x 2.5	25.0	368.0	1380
3804075	19 x 2.5	26.0	437.0	1525
3804076	24 x 2.5	29.6	552.0	1860
3804077	27 x 2.5	30.1	621.0	1982
3804078	37 x 2.5	34.0	851.0	2665
3802990	48 x 2.5	38.8	1,104.0	3325

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.