

ÖLFLEX® POWER LV (N)2XY

XLPE insulation



Info

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

Application range

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

Product Make-up

- Stranded plain annealed copper wires in circular shape conductor
- XLPE core insulation
- PVC sheath, black

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

Technical data

Classification
ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057

Core identification code
acc. to BS 7671:2004

Conductor stranding
acc. to IEC 60228 Cl. 2

Minimum bending radius
Fixed installation: 8 x cable diameter

Nominal voltage
U₀/U: 600/1000 V

Temperature range
Fixed installation: -40°C to +90°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)2XY				
3800250	1 X 16	9.4	147.2	205
3800254	1 X 25	11.1	230.0	309
3800262	1 X 35	12.4	322.0	412
3800270	1 X 50	14.0	460.0	540
3800275	1 X 75	16.0	644.0	760
3800280	1 X 90	18.0	874.0	1,020
3800285	1 X 120	20.0	1,104.0	1,270
3800290	1 X 150	22.0	1,380.0	1,560
3800295	1 X 185	24.7	1,702.0	1,930
3800300	1 X 240	27.7	2,208.0	2,510
3800305	1 X 300	30.6	2,760.0	3,120
3800235	2 X 1.5	10.0	28.2	130
3800238	2 X 2.5	10.8	46.0	165
3800241	2 X 4	11.9	73.6	210
3800244	2 X 6	13.1	110.4	270
3800247	2 X 10	14.9	184.0	390
3800251	2 X 16	17.2	294.4	450
3800255	2 X 25	20.5	460.0	820
3800264	2 x 35 (S)	18.8	651.0	880
3800271	2 x 50 (S)	21.0	930.0	1,140
3800276	2 x 70 (S)	24.0	1,302.0	1,560
3800281	2 x 95 (S)	26.9	1,767.0	2,130
3800286	2 x 120 (S)	29.9	2,232.0	2,640
3800291	2 x 150 (S)	33.4	2,790.0	3,270
3800296	2 x 185 (S)	37.1	3,441.0	4,040
3800301	2 x 240 (S)	45.0	4,464.0	5,250
3800236	3 x 1.5	10.5	42.3	150
3800239	3 x 2.5	11.4	69.0	195
3800242	3 x 4	12.6	110.4	255
3800245	3 x 6	13.8	165.6	330
3800248	3 x 10	15.8	276.0	490
3800252	3 x 16	18.3	441.6	700
3800257	3 x 25	21.8	690.0	1,000
3800266	3 x 35 (S)	22.0	976.5	1,180
3800272	3 x 50 (S)	24.0	1,395.0	1,600
3800277	3 x 70 (S)	28.0	1,953.0	2,240
3800282	3 x 95 (S)	31.0	2,650.5	3,050
3800287	3 x 120 (S)	35.5	3,348.0	3,800
3800292	3 x 150 (S)	38.5	4,185.0	4,640
3800297	3 x 185 (S)	43.0	5,161.5	5,870
3800302	3 x 240 (S)	48.0	6,696.0	7,670

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800237	4 x 1.5	11.5	56.4	175
3800240	4 x 2.5	12.5	92.0	225
3800243	4 x 4	13.8	147.2	305
3800246	4 x 6	15.2	220.8	405
3800249	4 x 10	17.5	368.0	600
3800253	4 x 16	20.0	588.8	870
3800260	4 x 25	24.0	920.0	1,325
3800267	3 x 35 + 16	24.8	1,113.2	1,450
3800269	4 x 35 (S)	26.5	1,288.0	1,600
3800273	3 x 50 + 25	28.5	1,610.0	2,050
3800274	4 x 50 (S)	30.1	1,840.0	2,200
3800278	3 x 70 + 35	33.2	2,254.0	2,750
3800279	4 x 70 (S)	35.4	2,576.0	3,050
3800283	3 x 95 + 50	37.8	3,082.0	3,750
3800284	4 x 95 (S)	40.2	3,496.0	4,070
3800288	3 x 120 + 70	42.6	3,956.0	4,750
3800289	4 x 120 (S)	44.9	4,416.0	5,195
3800293	3 x 150 + 70	46.3	4,784.0	5,700
3800294	4 x 150 (S)	49.8	5,520.0	6,350
3800298	3 x 185 + 95	52.1	5,980.0	7,705
3800299	4 x 185 (S)	55.8	6,808.0	7,890
3800303	3 x 240 + 120	58.6	7,728.0	9,250
3800304	4 x 240 (S)	62.9	8,832.0	10,400
3800308	3 x 300 + 150	65.0	9,660.0	11,500
3800309	4 x 300 (S)	69.7	11,040.0	12,810
3804030	5 x 1.5	11.7	70.5	192
3803080	5 x 2.5	12.9	115.0	255
3803081	5 x 4	14.4	184.0	260
3803082	5 x 6	16.0	276.0	475
3804031	5 x 10	18.4	460.0	758
3804032	5 x 16	21.3	736.0	1,135
3804033	5 x 25	26.0	1,150.0	1,742
3804034	5 x 35	29.2	1,610.0	2,355
3804035	7 x 1.5	12.7	98.7	250
3803084	7 G 1.5	12.7	98.7	250
3804036	12 x 1.5	16.2	169.2	375
3803085	12 G 1.5	16.2	169.2	375
3804044	7 x 2.5	14.0	161.0	320
3803088	7 G 2.5	14.0	161.0	320
3804045	12 x 2.5	18.0	276.0	475
3803089	12 G 2.5	18.0	276.0	475

• 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.