

ÖLFLEX® POWER LV (N)2XYRY SC

Low voltage power cables



Info

- Low voltage power cable 0.6 / 1 kV
- Single core, Armoured (AWA) XLPE/PVC/AWA/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
- XLPE core insulation
- PVC inner sheath, black
- Aluminium wire armoured
- PVC outer sheath, black
- Also available in LSHF version

Technical data

- 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**
U₀/U: 600/1000 V
- Test voltage**
3500 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)
3800315	1 x 25	15.8	225.0	645
3800316	1 x 35	17.5	315.0	888
3800317	1 x 50	19.0	450.0	1107
3800318	1 x 70	21.0	630.0	1418
3800319	1 x 95	23.6	855.0	1913
3800320	1 x 120	25.4	1,080.0	2275
3800321	1 x 150	27.3	1,350.0	2718
3800322	1 x 185	29.8	1,665.0	3245
3800323	1 x 240	32.8	2,160.0	4021
3800324	1 x 300	36.8	2,760.0	5141
3800325	1 x 400	40.4	3,600.0	6474
3800326	1 x 500	44.1	4,500.0	7872
3800327	1 x 630	50.2	5,670.0	10177
3800328	1 x 800	55.3	7,200.0	12494
3800329	1 x 1000	61.0	9,000.0	15268

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.