



ÖLFLEX® POWER SWA 111

Armoured Low voltage power cable
CU/PVC/PVC/SWA/PVC



Info

**RROFR 0,6/1 kV
IEC 60502-1**

Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

Product features

Armoured, multi-core, PVC insulated and PVC jacketed


Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **Halogen acid gas**
IEC 60754-1 (max 20%)
- **Fire behaviour**
IEC 60332-1-2
IEC 60332-3-22 (Cat. A)


Design


- **Conductor:** Stranded Annealed Copper
- **Core insulation:** PVC
- **Bedding:** PVC
- **Armour:** Galvanized Steel Wire
- **Outer sheath:** PVC, black

Technical data


 **Core identification code:**
WITH PROTECTIVE CONDUCTOR:
according to HD 308 - 1 core green/
yellow; 3 cores green/yellow, blue,
brown; 4 cores green/yellow, brown,
black, grey; 5 cores green/yellow,
blue, brown, black, grey.


WITHOUT PROTECTIVE CONDUCTOR:
according to HD 308 - 1 core black;
2-cores blue, brown - 3 cores brown,
black, grey; 4 cores blue, brown,
black, grey; 5 cores blue, brown,
black, grey, black.

 **Conductor stranding:**
Class 2 IEC 60228

 **Nominal Voltage U0/U:**
0,6/1 kV

 **Test voltage:**
C/C 3500 V x 5 minutes

 **Temperature range:**
during operation: -30° to +70°C
during installation: -5° to +50°C

 **Minimum Bending Radius:**
10 x Outer Diameter

Number cores and mm ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
ÖLFLEX® POWER SWA 111			
3 x 1,5	14,8	47,6	357
3 x 2,5	15,7	76,1	413
3 x 4	18,8	122,4	649
3 x 6	20,2	178,2	755
3 x 10	23,0	297,0	1.062
3 x 16	25,3	485,1	1.344
3 x 25	29,2	775,5	1.809
3 x 35	32,0	1.049,4	2.196
3 x 50	37,7	1.457,3	3.089
3 x 70	42,4	2.095,5	3.960
3 x 95	48,9	2.887,5	5.431
3 x 120	53,1	3.465,0	6.296
3 x 150	57,6	4.438,5	7.561
3 x 185	63,7	5.689,2	9.261
3 x 240	70,9	7.474,5	11.529
4 x 1,5	15,7	63,4	405
4 x 2,5	17,7	101,4	584
4 x 4	20,1	163,2	748
4 x 6	21,6	237,6	880
4 x 10	24,6	396,0	1.247
4 x 16	27,3	646,8	1.604
4 x 25	31,9	1.034,0	2.208
4 x 35	36,0	1.399,2	2.937

Number cores and mm ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
ÖLFLEX® POWER SWA 111			
4 x 50	41,1	1.943,1	3.793
4 x 70	47,4	2.794,0	5.269
4 x 95	53,8	3.850,0	6.789
4 x 120	58,1	4.620,0	7.819
4 x 150	63,7	5.918,0	9.556
4 x 185	70,0	7.585,6	11.668
4 x 240	79,6	9.966,0	15.449
5 x 1,5	17,6	79,3	565
5 x 2,5	18,7	126,8	657
5 x 4	21,4	204,1	853
5 x 6	23,8	297,0	1.134
5 x 10	26,4	495,0	1.442
5 x 16	29,6	808,5	1.891
5 x 25	35,5	1.292,5	2.844
5 x 35	39,6	1.749,0	3.538
5 x 50	44,7	2.428,9	4.531
5 x 70	52,2	3.492,5	6.381
5 x 95	58,9	4.812,5	8.177
5 x 120	64,0	5.775,0	9.517
5 x 150	69,8	7.397,5	11.576
5 x 185	78,4	9.482,0	15.012
5 x 240	87,9	12.457,5	18.886

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

AVAILABLE ALSO IN: Conductor Class 5, Tinned conductor