



## ÖLFLEX® POWER SWA LEAD 187

Armoured, Lead jacketed, Low voltage power cable  
CU/XLPE/PVC/LC/PVC/SWA/PVC



**Info**

**RE4ORLRF 0,6/1 kV  
IEC 60502-1**

**Benefits**

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

**Product features**

Armoured, lead jacketed, multi-core cable, XLPE 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:** XLPE
- **Bedding:** PVC
- **Inner sheath:** PVC, black
- **Chemical Barrier:** Lead sheath
- **Inner sheath:** PVC, black
- **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 +90°C  
during installation: -5° to +50°C



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

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA LEAD 187</b>			
3 x 1,5	18,1	47,6	807
3 x 2,5	19,1	76,1	897
3 x 4	21,5	122,4	1.172
3 x 6	23,0	178,2	1.384
3 x 10	25,1	297,0	1.655
3 x 16	28,6	485,1	2.255
3 x 25	33,1	775,5	3.002
3 x 35	36,3	1.049,4	3.634
3 x 50	41,3	1.457,3	4.766
3 x 70	47,3	2.095,5	6.161
3 x 95	52,3	2.887,5	7.586
3 x 120	58,6	3.465,0	9.545
3 x 150	63,6	4.438,5	11.310
3 x 185	69,6	5.689,2	13.541
3 x 240	77,9	7.474,5	16.901
4 x 1,5	19,0	63,4	881
4 x 2,5	20,9	101,4	1.121
4 x 4	22,5	163,2	1.296
4 x 6	24,3	237,6	1.544
4 x 10	27,7	396,0	2.103
4 x 16	30,6	646,8	2.587
4 x 25	36,0	1.034,0	3.605
4 x 35	38,9	1.399,2	4.228

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA LEAD 187</b>			
4 x 50	45,1	1.943,1	5.788
4 x 70	51,3	2.794,0	7.425
4 x 95	58,6	3.850,0	9.928
4 x 120	63,8	4.620,0	11.543
4 x 150	69,5	5.918,0	13.775
4 x 185	77,0	7.585,6	16.943
4 x 240	86,7	9.966,0	21.847
5 x 1,5	20,8	79,3	1.093
5 x 2,5	22,2	126,8	1.239
5 x 4	23,9	204,1	1.490
5 x 6	25,6	297,0	1.714
5 x 10	29,5	495,0	2.364
5 x 16	32,9	808,5	3.029
5 x 25	38,4	1.292,5	4.108
5 x 35	43,8	1.749,0	5.372
5 x 50	49,2	2.428,9	6.861
5 x 70	57,4	3.492,5	9.362
5 x 95	63,6	4.812,5	11.741
5 x 120	69,5	5.775,0	13.706
5 x 150	76,6	7.397,5	16.779
5 x 185	84,4	9.482,0	20.477
5 x 240	95,6	12.457,5	26.514

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, Armour, DSTA