



## ÖLFLEX® POWER 110

Low voltage power cable  
CU/PVC/PVC



**Info**

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

**Benefits**

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

**Product features**

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
- **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:**  
8 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 110</b>			
3 x 1,5	11,0	47,6	176
3 x 2,5	12,0	76,1	221
3 x 4	14,1	122,4	317
3 x 6	15,5	178,2	400
3 x 10	17,5	297,0	559
3 x 16	19,9	485,1	794
3 x 25	23,8	775,5	1.191
3 x 35	26,4	1.049,4	1.525
3 x 50	30,5	1.457,3	2.077
3 x 70	35,0	2.095,5	2.848
3 x 95	40,5	2.887,5	3.867
3 x 120	44,3	3.465,0	4.595
3 x 150	49,0	4.438,5	5.806
3 x 185	54,4	5.689,2	7.330
3 x 240	61,9	7.474,5	9.551
4 x 1,5	11,9	63,4	212
4 x 2,5	13,0	101,4	269
4 x 4	15,3	163,2	390
4 x 6	16,9	237,6	496
4 x 10	19,2	396,0	701
4 x 16	21,8	646,8	1.006
4 x 25	26,2	1.034,0	1.519
4 x 35	29,1	1.399,2	1.952

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER 110</b>			
4 x 50	33,9	1.943,1	2.683
4 x 70	39,2	2.794,0	3.707
4 x 95	45,0	3.850,0	5.008
4 x 120	49,5	4.620,0	5.976
4 x 150	54,5	5.918,0	7.524
4 x 185	60,8	7.585,6	9.542
4 x 240	69,0	9.966,0	12.430
5 x 1,5	12,9	79,3	252
5 x 2,5	14,0	126,8	322
5 x 4	16,7	204,1	472
5 x 6	18,4	297,0	604
5 x 10	20,9	495,0	860
5 x 16	23,9	808,5	1.240
5 x 25	28,8	1.292,5	1.881
5 x 35	32,2	1.749,0	2.440
5 x 50	37,6	2.428,9	3.353
5 x 70	43,4	3.492,5	4.632
5 x 95	50,0	4.812,5	6.289
5 x 120	54,8	5.775,0	7.473
5 x 150	60,6	7.397,5	9.443
5 x 185	67,5	9.482,0	11.971
5 x 240	76,7	12.457,5	15.587

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 SWB, DSTA