



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 ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
ÖLFLEX® POWER 110			
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 ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
ÖLFLEX® POWER 110			
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, Arctic version with operation between -60°C and +70°C



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

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AVAILABLE ALSO IN: Conductor Class 5, Tinned conductor, Arctic version with operation between -60°C and +70°C