



**N07V-K**  
Single-core cable  
CU/PVC



**Info**

**FR 450/750 V**  
**CEI 20-20**  
**CEI UNEL 357523**  
**CEI 20-22 II**

**Benefits**

- Fire behaviour
- IMQ

**Product features**

Single-core cable, PVC insulated

**Norm references / Approvals**

- **Fire behaviour**  
IEC 60332-1-2  
CEI 20-22 II

**Design**

- **Conductor:** Flexible Annealed Copper
- **Core insulation:** PVC, Type R2

**Technical data**

**Core identification code:**  
Green/Yellow - Brown - Black - Grey  
- Blue etc...

**Conductor stranding:**  
Class 5 IEC 60228

**Nominal Voltage U0/U:**  
450/750 V

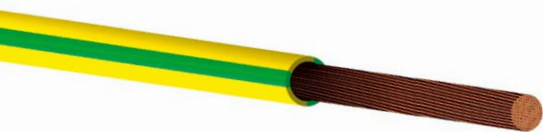
**Test voltage:**  
3000 V

**Temperature range:**  
during operation: -10° to +70°C  
during installation: -5° to +50°C

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

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>N07V-K</b>			
1 x 1,5	3,2	14,1	21
1 x 2,5	3,8	24,2	33
1 x 4	4,4	38,7	48
1 x 6	5,0	56,1	67
1 x 10	6,5	93,5	110
1 x 16	7,6	156,2	172
1 x 25	9,3	246,4	269
1 x 35	10,6	322,3	345
1 x 50	13,1	465,3	499
1 x 70	14,9	674,3	700
1 x 95	17,4	895,4	931
1 x 120	20,2	1.148,4	1.181
1 x 150	21,6	1.431,1	1.466
1 x 185	23,6	1.828,2	1.862
1 x 240	27,7	2.213,2	2.271

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



## H07V-K

Single-core cable  
CU/PVC



**Info**

**FR 450/750 V**  
**CEI 20-20/3**

**Benefits**

- Fire behaviour
- IMQ

**Product features**

Single-core cable, PVC insulated

**Norm references / Approvals**

- **Fire behaviour**  
IEC 60332-1-2

**Design**

- **Conductor:** Flexible Annealed Copper
- **Core insulation:** PVC

**Technical data**

- Core identification code:**  
Green/Yellow - Brown - Black - Grey - Blue etc...
- Conductor stranding:**  
Class 5 IEC 60228
- Nominal Voltage U0/U:**  
450/750 V
- Test voltage:**  
2500 V
- Temperature range:**  
during operation: -10° to +70°C  
during installation: -5° to +50°C
- Minimum Bending Radius:**  
4 x Outer Diameter

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>H07V-K</b>			
1 x 1,5	3,2	14,1	21
1 x 2,5	3,8	24,2	33
1 x 4	4,4	38,7	48
1 x 6	5,0	56,1	67
1 x 10	6,5	93,5	110
1 x 16	7,6	156,2	172
1 x 25	9,3	246,4	269
1 x 35	10,6	322,3	345
1 x 50	13,1	465,3	499
1 x 70	14,9	674,3	700
1 x 95	17,4	895,4	931
1 x 120	20,2	1.148,4	1.181
1 x 150	21,6	1.431,1	1.466
1 x 185	23,6	1.828,2	1.862
1 x 240	27,7	2.213,2	2.271

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**H07V-R**  
Single-core cable  
CU/PVC



**Info**

**RR 450/750 V**  
**CEI 20-20/3**

**Benefits**

- Fire behaviour
- IMQ

**Product features**

Single-core cable, PVC insulated

**Norm references / Approvals**

- **Fire behaviour**  
IEC 60332-1-2

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** PVC

**Technical data**

**Core identification code:**  
Green/Yellow - Brown - Black - Grey - Blue etc...

**Conductor stranding:**  
Class 2 IEC 60228

**Nominal Voltage U0/U:**  
450/750 V

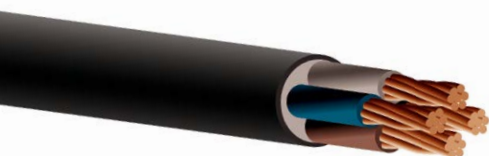
**Test voltage:**  
2500 V

**Temperature range:**  
during operation: -10° to +70°C  
during installation: -5° to +50°C

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

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>H07V-R</b>			
1 x 1,5	3,2	15,9	22
1 x 2,5	3,8	25,4	34
1 x 4	4,4	40,8	50
1 x 6	5,0	59,4	69
1 x 10	6,4	99,0	115
1 x 16	7,5	161,7	177
1 x 25	9,3	258,5	280
1 x 35	10,5	349,8	369
1 x 50	12,3	485,8	512
1 x 70	14,3	698,5	718
1 x 95	16,6	962,5	986
1 x 120	18,3	1.155,0	1.173
1 x 150	20,3	1.479,5	1.498
1 x 185	22,7	1.896,4	1.915
1 x 240	25,8	2.491,5	2.505

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## ÖLFLEX® POWER 106

Low voltage power cable  
CU/XLPE/PVC



**Info**

**RE4OR 0,6/1 kV  
IEC 60502-1**

**Benefits**

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

**Product features**

Multi-core, 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
- **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 106</b>			
3 x 1,5	10,6	47,6	156
3 x 2,5	11,5	76,1	198
3 x 4	12,7	122,4	263
3 x 6	14,1	178,2	340
3 x 10	16,1	297,0	489
3 x 16	18,5	485,1	713
3 x 25	22,4	775,5	1.084
3 x 35	25,0	1.049,4	1.404
3 x 50	28,5	1.457,3	1.887
3 x 70	33,7	2.095,5	2.670
3 x 95	38,0	2.887,5	3.565
3 x 120	42,5	3.465,0	4.316
3 x 150	47,0	4.438,5	5.452
3 x 185	52,6	5.689,2	6.940
3 x 240	59,4	7.474,5	9.004
4 x 1,5	11,4	63,4	186
4 x 2,5	12,4	101,4	239
4 x 4	13,8	163,2	322
4 x 6	15,3	237,6	420
4 x 10	17,6	396,0	613
4 x 16	20,3	646,8	902
4 x 25	24,7	1.034,0	1.382
4 x 35	27,6	1.399,2	1.797

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER 106</b>			
4 x 50	31,7	1.943,1	2.442
4 x 70	37,4	2.794,0	3.456
4 x 95	42,4	3.850,0	4.645
4 x 120	47,2	4.620,0	5.591
4 x 150	52,5	5.918,0	7.099
4 x 185	58,7	7.585,6	9.036
4 x 240	66,3	9.966,0	11.727
5 x 1,5	12,3	79,3	220
5 x 2,5	13,4	126,8	286
5 x 4	15,0	204,1	388
5 x 6	16,7	297,0	510
5 x 10	19,2	495,0	750
5 x 16	22,2	808,5	1.111
5 x 25	27,1	1.292,5	1.709
5 x 35	30,5	1.749,0	2.245
5 x 50	35,1	2.428,9	3.052
5 x 70	41,5	3.492,5	4.320
5 x 95	47,0	4.812,5	5.806
5 x 120	52,5	5.775,0	7.018
5 x 150	58,1	7.397,5	8.876
5 x 185	65,3	9.482,0	11.334
5 x 240	73,6	12.457,5	14.706

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**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor, Armour SWB, DSTA



## ÖLFLEX® POWER SWA 108

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



**Info**

**RE4OFR 0,6/1 kV**  
**IEC 60502-1**

**Benefits**

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

**Product features**

Armoured multi-core, 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
- **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



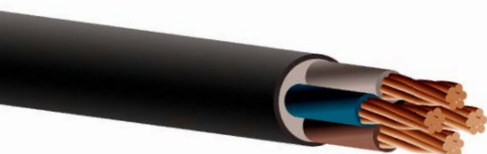
**Minimum Bending Radius:**  
10 x Outer Diameter

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA 108</b>			
3 x 1,5	14,4	47,6	342
3 x 2,5	15,3	76,1	395
3 x 4	17,5	122,4	583
3 x 6	18,8	178,2	685
3 x 10	20,9	297,0	870
3 x 16	24,0	485,1	1.254
3 x 25	27,9	775,5	1.700
3 x 35	30,7	1.049,4	2.079
3 x 50	35,2	1.457,3	2.847
3 x 70	40,8	2.095,5	3.777
3 x 95	45,1	2.887,5	4.744
3 x 120	51,1	3.465,0	6.010
3 x 150	55,8	4.438,5	7.266
3 x 185	61,2	5.689,2	8.820
3 x 240	68,6	7.474,5	11.084
4 x 1,5	15,2	63,4	384
4 x 2,5	17,2	101,4	557
4 x 4	18,5	163,2	666
4 x 6	20,1	237,6	793
4 x 10	23,1	396,0	1.143
4 x 16	25,8	646,8	1.490
4 x 25	30,3	1.034,0	2.069
4 x 35	33,4	1.399,2	2.552

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 108</b>			
4 x 50	38,8	1.943,1	3.542
4 x 70	44,6	2.794,0	4.672
4 x 95	51,0	3.850,0	6.396
4 x 120	56,0	4.620,0	7.482
4 x 150	61,1	5.918,0	9.067
4 x 185	67,8	7.585,6	11.188
4 x 240	76,9	9.966,0	14.801
5 x 1,5	17,0	79,3	535
5 x 2,5	18,2	126,8	624
5 x 4	19,7	204,1	754
5 x 6	21,4	297,0	907
5 x 10	24,7	495,0	1.316
5 x 16	27,7	808,5	1.738
5 x 25	33,0	1.292,5	2.458
5 x 35	37,7	1.749,0	3.322
5 x 50	42,5	2.428,9	4.247
5 x 70	50,3	3.492,5	6.078
5 x 95	55,8	4.812,5	7.697
5 x 120	61,1	5.775,0	8.994
5 x 150	67,4	7.397,5	11.060
5 x 185	74,5	9.482,0	13.628
5 x 240	84,9	12.457,5	18.084

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**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor



## 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

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**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor, Armour SWB, DSTA



## 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 <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA 111</b>			
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 <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA 111</b>			
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



## 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





## ÖLFLEX® POWER SWA AL/HDPE/PA 188

Armoured, AL/HDPE/PA jacketed, Low voltage power cable  
CU/XLPE/AL/HDPE/PA/SWA/PVC



**Info**

**RE4OH5ER4FR 0,6/1 kV**  
Gen. to IEC 60502-1  
EN 50288-7

**Benefits**

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

**Product features**

Armoured, AL/HDPE/PA 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

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE
- **Chemical Barrier:** AL/HDPE/PA
- **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

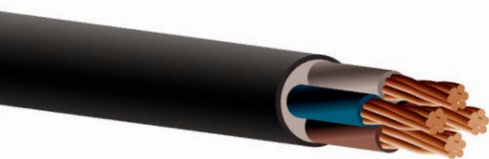
**Minimum Bending Radius:**  
15 x Outer Diameter

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>ÖLFLEX® POWER SWA AL/HDPE/PA 188</b>			
3 x 1,5	15,8	47,6	391
3 x 2,5	16,7	76,1	446
3 x 4	18,9	122,4	646
3 x 6	20,5	178,2	761
3 x 10	22,7	297,0	961
3 x 16	26,0	485,1	1.373
3 x 25	30,4	775,5	1.858
3 x 35	33,4	1.049,4	2.261
4 x 1,5	16,6	63,4	435
4 x 2,5	18,6	101,4	619
4 x 4	20,2	163,2	741
4 x 6	21,7	237,6	870
4 x 10	24,9	396,0	1.247
4 x 16	27,8	646,8	1.614
4 x 25	33,0	1.034,0	2.249
4 x 35	37,2	1.399,2	2.984
5 x 1,5	18,4	79,3	597
5 x 2,5	19,8	126,8	698
5 x 4	21,3	204,1	832
5 x 6	24,0	297,0	1.121
5 x 10	26,7	495,0	1.437
5 x 16	30,1	808,5	1.895
5 x 25	36,7	1.292,5	2.885
5 x 35	40,4	1.749,0	3.529

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Photographs are not to scale and do not represent detailed images of the respective products

**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor, Armour TCWB, SWB



**ÖLFLEX® POWER 190 H**  
 Low voltage power cable LSZH 125 °C  
 CU/XLPO/LSZH



**Info**

**RG 100M2 0,6/1 kV**  
**IEC 60092-353**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Temperature resistant
- Halogen free
- Low Smoke

**Product features**

Multi-core cable, XLPO insulated and LSZH jacketed 125 °C

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPO
- **Outer sheath:** XLPO LSZH, 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: -40° to +125°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 190 H</b>			
3 x 1,5	10,6	47,6	161
3 x 2,5	11,5	76,1	204
3 x 4	12,7	122,4	270
3 x 6	14,1	178,2	348
3 x 10	16,1	297,0	500
3 x 16	18,5	485,1	726
3 x 25	22,4	775,5	1.107
3 x 35	25,0	1.049,4	1.430
3 x 50	28,5	1.457,3	1.922
3 x 70	33,7	2.095,5	2.715
3 x 95	38,0	2.887,5	3.615
3 x 120	42,5	3.465,0	4.377
3 x 150	47,0	4.438,5	5.534
3 x 185	52,6	5.689,2	7.047
3 x 240	59,4	7.474,5	9.131
4 x 1,5	11,4	63,4	193
4 x 2,5	12,4	101,4	248
4 x 4	13,8	163,2	332
4 x 6	15,3	237,6	432
4 x 10	17,6	396,0	628
4 x 16	20,3	646,8	921
4 x 25	24,7	1.034,0	1.414
4 x 35	27,6	1.399,2	1.834

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER 190 H</b>			
4 x 50	31,7	1.943,1	2.490
4 x 70	37,4	2.794,0	3.520
4 x 95	42,4	3.850,0	4.716
4 x 120	47,2	4.620,0	5.678
4 x 150	52,5	5.918,0	7.213
4 x 185	58,7	7.585,6	9.185
4 x 240	66,3	9.966,0	11.906
5 x 1,5	12,3	79,3	229
5 x 2,5	13,4	126,8	297
5 x 4	15,0	204,1	402
5 x 6	16,7	297,0	526
5 x 10	19,2	495,0	770
5 x 16	22,2	808,5	1.135
5 x 25	27,1	1.292,5	1.751
5 x 35	30,5	1.749,0	2.292
5 x 50	35,1	2.428,9	3.113
5 x 70	41,5	3.492,5	4.401
5 x 95	47,0	4.812,5	5.896
5 x 120	52,5	5.775,0	7.128
5 x 150	58,1	7.397,5	9.021
5 x 185	65,3	9.482,0	11.522
5 x 240	73,6	12.457,5	14.932

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 TCWB, SWB



## ÖLFLEX® POWER SWB 191 H

Armoured, Low voltage power cable LSZH 125 °C  
CU/XLPO/LSZH/SWB/LSZH

**Info**  
**RG 100M2AM2 0,6/1 kV**  
**IEC 60092-353**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Temperature resistant
- Halogen free
- Low Smoke

**Product features**

Armoured multi-core cable, XLPO insulated and LSZH jacketed 125 °C

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPO
- **Bedding:** XLPO LSZH
- **Armour:** Galvanized Steel Wire Braid
- **Outer sheath:** XLPO LSZH, 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: -40° to +125°C  
during installation: -5° to +50°C

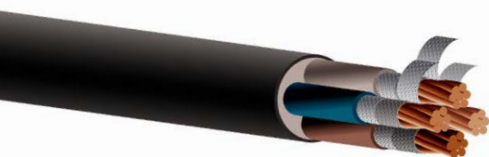
**Minimum Bending Radius:**  
10 x Outer Diameter

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWB 191 H</b>			
3 x 1,5	13,1	47,6	234
3 x 2,5	14,0	76,1	280
3 x 4	15,5	122,4	371
3 x 6	16,8	178,2	453
3 x 10	18,9	297,0	608
3 x 16	21,3	485,1	834
3 x 25	24,9	775,5	1.194
3 x 35	27,7	1.049,4	1.518
3 x 50	31,4	1.457,3	2.002
3 x 70	37,3	2.095,5	2.851
3 x 95	41,5	2.887,5	3.713
3 x 120	46,5	3.465,0	4.469
3 x 150	51,0	4.438,5	5.564
3 x 185	56,6	5.689,2	6.986
3 x 240	63,8	7.474,5	8.990
4 x 1,5	13,9	63,4	271
4 x 2,5	15,2	101,4	351
4 x 4	16,5	163,2	441
4 x 6	18,1	237,6	545
4 x 10	20,4	396,0	745
4 x 16	23,0	646,8	1.038
4 x 25	27,4	1.034,0	1.521
4 x 35	30,5	1.399,2	1.944

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWB 191 H</b>			
4 x 50	35,0	1.943,1	2.609
4 x 70	41,0	2.794,0	3.667
4 x 95	46,4	3.850,0	4.865
4 x 120	51,2	4.620,0	5.776
4 x 150	56,5	5.918,0	7.245
4 x 185	63,1	7.585,6	9.172
4 x 240	70,7	9.966,0	11.745
5 x 1,5	15,0	79,3	332
5 x 2,5	16,2	126,8	405
5 x 4	17,7	204,1	514
5 x 6	19,4	297,0	642
5 x 10	22,0	495,0	888
5 x 16	24,7	808,5	1.237
5 x 25	30,0	1.292,5	1.864
5 x 35	33,9	1.749,0	2.420
5 x 50	38,7	2.428,9	3.277
5 x 70	45,7	3.492,5	4.582
5 x 95	51,0	4.812,5	6.002
5 x 120	56,5	5.775,0	7.165
5 x 150	62,7	7.397,5	9.053
5 x 185	69,7	9.482,0	11.395
5 x 240	78,7	12.457,5	14.720

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 TCWB, SWB



## ÖLFLEX® POWER F90 192 H

Fire resistant, Low voltage power cable LSZH 125 °C  
CU/MT/XLPO/LSZH



**Info**

**RTG 100M2 0,6/1 kV**  
**IEC 60092-353**  
**IEC 60331-21**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Temperature resistant
- Halogen free
- Low Smoke

**Product features**

Multi-core cable, XLPO over MICA-tape insulated and LSZH jacketed 125 °C

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)  
IEC 60331-21

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPO over MICA-tape wrapped conductor
- **Outer sheath:** XLPO LSZH, 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: -40° to +125°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 F90 192 H</b>			
3 x 1,5	11,7	47,6	186
3 x 2,5	12,6	76,1	231
3 x 4	13,8	122,4	299
3 x 6	15,2	178,2	380
3 x 10	17,2	297,0	536
3 x 16	19,6	485,1	767
3 x 25	23,5	775,5	1.155
3 x 35	26,1	1.049,4	1.484
3 x 50	29,8	1.457,3	1.997
3 x 70	34,8	2.095,5	2.787
3 x 95	39,3	2.887,5	3.715
3 x 120	43,6	3.465,0	4.466
3 x 150	48,1	4.438,5	5.632
3 x 185	53,7	5.689,2	7.156
3 x 240	60,5	7.474,5	9.255
4 x 1,5	12,6	63,4	224
4 x 2,5	13,7	101,4	281
4 x 4	15,0	163,2	368
4 x 6	16,6	237,6	472
4 x 10	18,8	396,0	673
4 x 16	21,5	646,8	971
4 x 25	25,9	1.034,0	1.474
4 x 35	28,8	1.399,2	1.901

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER F90 192 H</b>			
4 x 50	33,1	1.943,1	2.583
4 x 70	38,7	2.794,0	3.609
4 x 95	43,7	3.850,0	4.816
4 x 120	48,4	4.620,0	5.789
4 x 150	53,7	5.918,0	7.337
4 x 185	60,0	7.585,6	9.324
4 x 240	67,5	9.966,0	12.062
5 x 1,5	13,6	79,3	267
5 x 2,5	14,8	126,8	338
5 x 4	16,3	204,1	446
5 x 6	18,0	297,0	575
5 x 10	20,6	495,0	825
5 x 16	23,6	808,5	1.198
5 x 25	28,4	1.292,5	1.826
5 x 35	31,9	1.749,0	2.377
5 x 50	36,7	2.428,9	3.228
5 x 70	43,0	3.492,5	4.536
5 x 95	48,4	4.812,5	6.023
5 x 120	53,9	5.775,0	7.270
5 x 150	59,7	7.397,5	9.209
5 x 185	66,6	9.482,0	11.698
5 x 240	75,2	12.457,5	15.168

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 TCWB, SWB



## ÖLFLEX® POWER SWB F90 193 H

Fire resistant, armoured, Low voltage power cable LSZH 125 °C  
CU/MT/XLPO/LSZH/SWB/LSZH



**Info**

**RTG 100M2AM2 0,6/1 kV**  
**IEC 60092-353**  
**IEC 60331-21**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Temperature resistant
- Halogen free
- Low Smoke

**Product features**

Armoured multi-core cable, XLPO over MI-CA-tape insulated and LSZH jacketed 125 °C

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)  
IEC 60331-21

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPO over MICA-tape wrapped conductor
- **Bedding:** XLPO LSZH
- **Armour:** Galvanized Steel Wire Braid
- **Outer sheath:** XLPO LSZH, 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: -40° to +125°C  
during installation: -5° to +50°C

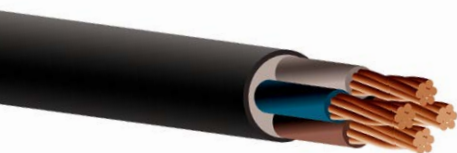
**Minimum Bending Radius:**  
10 x Outer Diameter

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWB F90 193 H</b>			
3 x 1,5	14,2	47,6	262
3 x 2,5	15,3	76,1	332
3 x 4	16,6	122,4	404
3 x 6	17,9	178,2	487
3 x 10	20,0	297,0	645
3 x 16	22,3	485,1	874
3 x 25	26,0	775,5	1.237
3 x 35	28,8	1.049,4	1.565
3 x 50	32,7	1.457,3	2.070
3 x 70	38,3	2.095,5	2.913
3 x 95	42,8	2.887,5	3.802
3 x 120	47,6	3.465,0	4.543
3 x 150	52,3	4.438,5	5.671
3 x 185	58,1	5.689,2	7.126
3 x 240	65,1	7.474,5	9.120
4 x 1,5	15,4	63,4	327
4 x 2,5	16,4	101,4	389
4 x 4	17,8	163,2	480
4 x 6	19,3	237,6	587
4 x 10	21,6	396,0	790
4 x 16	24,2	646,8	1.087
4 x 25	28,6	1.034,0	1.577
4 x 35	31,7	1.399,2	2.004

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWB F90 193 H</b>			
4 x 50	36,5	1.943,1	2.695
4 x 70	42,4	2.794,0	3.767
4 x 95	47,6	3.850,0	4.953
4 x 120	52,6	4.620,0	5.898
4 x 150	58,1	5.918,0	7.401
4 x 185	64,4	7.585,6	9.287
4 x 240	72,1	9.966,0	11.909
5 x 1,5	16,4	79,3	375
5 x 2,5	17,5	126,8	449
5 x 4	19,1	204,1	561
5 x 6	20,8	297,0	692
5 x 10	23,3	495,0	942
5 x 16	26,3	808,5	1.309
5 x 25	31,4	1.292,5	1.933
5 x 35	35,2	1.749,0	2.496
5 x 50	40,2	2.428,9	3.384
5 x 70	47,0	3.492,5	4.683
5 x 95	52,6	4.812,5	6.138
5 x 120	58,5	5.775,0	7.367
5 x 150	64,1	7.397,5	9.186
5 x 185	71,2	9.482,0	11.576
5 x 240	80,0	12.457,5	14.882

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 TCWB, SWB



## ÖLFLEX® POWER 204 H

Low voltage power cable LSZH  
CU/XLPE/LSZH



**Info**

**RE4OM1 0,6/1 kV  
IEC 60502-1**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

**Product features**

Multi-core cable, XLPE insulated and LSZH jacketed

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE
- **Outer sheath:** LSZH, 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 204 H</b>			
3 x 1,5	10,6	47,6	162
3 x 2,5	11,5	76,1	205
3 x 4	12,7	122,4	271
3 x 6	14,1	178,2	349
3 x 10	16,1	297,0	501
3 x 16	18,5	485,1	728
3 x 25	22,4	775,5	1.104
3 x 35	25,0	1.049,4	1.428
3 x 50	28,5	1.457,3	1.917
3 x 70	33,7	2.095,5	2.711
3 x 95	38,0	2.887,5	3.615
3 x 120	42,5	3.465,0	4.378
3 x 150	47,0	4.438,5	5.527
3 x 185	52,6	5.689,2	7.033
3 x 240	59,4	7.474,5	9.121
4 x 1,5	11,4	63,4	192
4 x 2,5	12,4	101,4	247
4 x 4	13,8	163,2	331
4 x 6	15,3	237,6	430
4 x 10	17,6	396,0	626
4 x 16	20,3	646,8	919
4 x 25	24,7	1.034,0	1.404
4 x 35	27,6	1.399,2	1.824

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER 204 H</b>			
4 x 50	31,7	1.943,1	2.475
4 x 70	37,4	2.794,0	3.502
4 x 95	42,4	3.850,0	4.704
4 x 120	47,2	4.620,0	5.661
4 x 150	52,5	5.918,0	7.185
4 x 185	58,7	7.585,6	9.143
4 x 240	66,3	9.966,0	11.861
5 x 1,5	12,3	79,3	227
5 x 2,5	13,4	126,8	295
5 x 4	15,0	204,1	398
5 x 6	16,7	297,0	522
5 x 10	19,2	495,0	765
5 x 16	22,2	808,5	1.130
5 x 25	27,1	1.292,5	1.735
5 x 35	30,5	1.749,0	2.277
5 x 50	35,1	2.428,9	3.092
5 x 70	41,5	3.492,5	4.375
5 x 95	47,0	4.812,5	5.876
5 x 120	52,5	5.775,0	7.105
5 x 150	58,1	7.397,5	8.979
5 x 185	65,3	9.482,0	11.464
5 x 240	73,6	12.457,5	14.869

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





## ÖLFLEX® POWER SWA 205 H

Armoured Low voltage power cable LSZH  
CU/XLPE/LSZH/SWA/LSZH



**Info**

**RE4OFM1 0,6/1 kV  
IEC 60502-1**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

**Product features**

Armoured multi-core cable, XLPE insulated and LSZH jacketed

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

**Design**

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



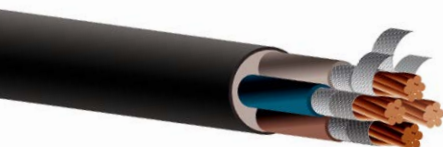
**Minimum Bending Radius:**  
10 x Outer Diameter

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA 205 H</b>			
3 x 1,5	14,4	47,6	349
3 x 2,5	15,3	76,1	403
3 x 4	17,5	122,4	592
3 x 6	18,8	178,2	695
3 x 10	20,9	297,0	881
3 x 16	24,0	485,1	1.266
3 x 25	27,9	775,5	1.714
3 x 35	30,7	1.049,4	2.096
3 x 50	35,2	1.457,3	2.867
3 x 70	40,8	2.095,5	3.803
3 x 95	45,1	2.887,5	4.774
3 x 120	51,1	3.465,0	6.047
3 x 150	55,8	4.438,5	7.310
3 x 185	61,2	5.689,2	8.871
3 x 240	68,6	7.474,5	11.147
4 x 1,5	15,2	63,4	392
4 x 2,5	17,2	101,4	566
4 x 4	18,5	163,2	676
4 x 6	20,1	237,6	803
4 x 10	23,1	396,0	1.155
4 x 16	25,8	646,8	1.503
4 x 25	30,3	1.034,0	2.086
4 x 35	33,4	1.399,2	2.572

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 205 H</b>			
4 x 50	38,8	1.943,1	3.566
4 x 70	44,6	2.794,0	4.702
4 x 95	51,0	3.850,0	6.434
4 x 120	56,0	4.620,0	7.526
4 x 150	61,1	5.918,0	9.118
4 x 185	67,8	7.585,6	11.248
4 x 240	76,9	9.966,0	14.876
5 x 1,5	17,0	79,3	543
5 x 2,5	18,2	126,8	633
5 x 4	19,7	204,1	764
5 x 6	21,4	297,0	917
5 x 10	24,7	495,0	1.329
5 x 16	27,7	808,5	1.752
5 x 25	33,0	1.292,5	2.477
5 x 35	37,7	1.749,0	3.345
5 x 50	42,5	2.428,9	4.276
5 x 70	50,3	3.492,5	6.115
5 x 95	55,8	4.812,5	7.742
5 x 120	61,1	5.775,0	9.045
5 x 150	67,4	7.397,5	11.119
5 x 185	74,5	9.482,0	13.701
5 x 240	84,9	12.457,5	18.175

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



## ÖLFLEX® POWER F90 304 H

Fire resistant, Low voltage power cable LSZH  
CU/MT/XLPE/LSZH



**Info**

**RTE4OM1 0,6/1 kV**  
**IEC 60502-1**  
**IEC 60331-21**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

**Product features**

Multi-core cable, XLPE over MICA-tape insulated and LSZH jacketed

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)  
IEC 60331-21

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE over MICA-tape wrapped conductor
- **Outer sheath:** LSZH, 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 F90 304 H</b>			
3 x 1,5	12,8	47,6	214
3 x 2,5	13,7	76,1	261
3 x 4	14,9	122,4	332
3 x 6	16,3	178,2	416
3 x 10	18,3	297,0	576
3 x 16	20,7	485,1	812
3 x 25	24,6	775,5	1.204
3 x 35	27,2	1.049,4	1.538
3 x 50	30,9	1.457,3	2.058
3 x 70	36,1	2.095,5	2.876
3 x 95	40,4	2.887,5	3.801
3 x 120	44,7	3.465,0	4.561
3 x 150	49,4	4.438,5	5.755
3 x 185	54,8	5.689,2	7.257
3 x 240	61,8	7.474,5	9.407
4 x 1,5	13,8	63,4	255
4 x 2,5	14,9	101,4	314
4 x 4	16,3	163,2	404
4 x 6	17,8	237,6	511
4 x 10	20,1	396,0	717
4 x 16	22,7	646,8	1.022
4 x 25	27,1	1.034,0	1.527
4 x 35	30,2	1.399,2	1.977

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER F90 304 H</b>			
4 x 50	34,3	1.943,1	2.650
4 x 70	40,1	2.794,0	3.707
4 x 95	44,9	3.850,0	4.909
4 x 120	49,9	4.620,0	5.917
4 x 150	54,9	5.918,0	7.437
4 x 185	61,2	7.585,6	9.424
4 x 240	68,9	9.966,0	12.215
5 x 1,5	15,0	79,3	304
5 x 2,5	16,2	126,8	377
5 x 4	17,7	204,1	489
5 x 6	19,4	297,0	621
5 x 10	22,0	495,0	878
5 x 16	24,9	808,5	1.258
5 x 25	30,0	1.292,5	1.905
5 x 35	33,5	1.749,0	2.468
5 x 50	38,0	2.428,9	3.309
5 x 70	44,4	3.492,5	4.630
5 x 95	49,9	4.812,5	6.164
5 x 120	55,5	5.775,0	7.425
5 x 150	61,0	7.397,5	9.332
5 x 185	68,2	9.482,0	11.859
5 x 240	76,6	12.457,5	15.313

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





## ÖLFLEX® POWER SWA F90 306 H

Fire resistant, armoured, Low voltage power cable LSZH  
CU/MT/XLPE/LSZH/SWA/LSZH



**Info**

**RTE4OFM1 0,6/1 kV**  
**IEC 60502-1**  
**IEC 60331-21**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

**Product features**

Armoured multi-core cable, XLPE over MI-CA-tape insulated and LSZH jacketed

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)  
IEC 60331-21

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE over MICA-tape wrapped conductor
- **Bedding:** LSZH
- **Armour:** Galvanized Steel Wire
- **Outer sheath:** LSZH, 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 <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® POWER SWA F90 306 H</b>			
3 x 1,5	17,5	47,6	536
3 x 2,5	18,4	76,1	599
3 x 4	19,6	122,4	691
3 x 6	21,0	178,2	797
3 x 10	23,8	297,0	1.111
3 x 16	26,2	485,1	1.392
3 x 25	30,3	775,5	1.866
3 x 35	33,1	1.049,4	2.256
3 x 50	38,0	1.457,3	3.100
3 x 70	43,2	2.095,5	4.008
3 x 95	48,8	2.887,5	5.394
3 x 120	53,5	3.465,0	6.301
3 x 150	58,0	4.438,5	7.546
3 x 185	64,1	5.689,2	9.228
3 x 240	70,8	7.474,5	11.416
4 x 1,5	18,6	63,4	601
4 x 2,5	19,6	101,4	679
4 x 4	21,0	163,2	793
4 x 6	23,2	237,6	1.044
4 x 10	25,5	396,0	1.297
4 x 16	28,2	646,8	1.654
4 x 25	33,0	1.034,0	2.267
4 x 35	36,9	1.399,2	2.990

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 F90 306 H</b>			
4 x 50	41,5	1.943,1	3.793
4 x 70	48,3	2.794,0	5.322
4 x 95	53,7	3.850,0	6.724
4 x 120	58,7	4.620,0	7.835
4 x 150	64,1	5.918,0	9.517
4 x 185	70,4	7.585,6	11.599
4 x 240	79,5	9.966,0	15.283
5 x 1,5	19,7	79,3	671
5 x 2,5	20,9	126,8	764
5 x 4	23,2	204,1	1.020
5 x 6	24,9	297,0	1.189
5 x 10	27,4	495,0	1.496
5 x 16	30,6	808,5	1.946
5 x 25	36,7	1.292,5	2.916
5 x 35	40,6	1.749,0	3.596
5 x 50	45,2	2.428,9	4.523
5 x 70	53,2	3.492,5	6.439
5 x 95	58,7	4.812,5	8.089
5 x 120	64,5	5.775,0	9.487
5 x 150	70,3	7.397,5	11.515
5 x 185	78,8	9.482,0	14.925
5 x 240	87,8	12.457,5	18.669

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