

ÖLFLEX® CONTROL SWA LEAD 185

Armoured, Lead jacketed, Overall screened control cable
CU/XLPE/OS/PVC/LC/PVC/SWA/PVC



Info

**RE4OHRLRFR 500 V
EN 50288-7**

Benefits

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

Product features

Armoured, lead jacketed, multi-core cable, overall screened, XLPE insulated and PVC jacketed

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **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
- **Screen:** OS Aluminum/PET + TC Drain wire
- **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:**
Black with printed numbers
- Insulation resistance:**
5000 MOhm x km
- Conductor stranding:**
Class 2 IEC 60228
- Nominal Voltage U₀/U:**
500 V
- Test voltage:**
C/C 2000 V x 1 minute
- 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 ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SWA LEAD 185			
2 x 1	15,8	25,6	629
3 x 1	16,4	36,1	674
4 x 1	17,1	46,5	730
5 x 1	18,2	57,0	845
7 x 1	19,0	77,8	920
10 x 1	22,1	109,2	1.215
12 x 1	22,5	130,1	1.265
14 x 1	23,1	151,0	1.336
16 x 1	24,3	171,8	1.446
19 x 1	25,0	203,2	1.536
20 x 1	26,8	213,6	1.826
24 x 1	28,9	255,4	2.047
25 x 1	28,9	265,8	2.056
27 x 1	29,3	286,7	2.112
30 x 1	29,9	318,1	2.204
37 x 1	31,8	391,2	2.527
2 x 1,5	16,9	36,5	701
3 x 1,5	17,3	52,3	749
4 x 1,5	18,5	68,2	879
5 x 1,5	19,3	84,1	951
7 x 1,5	20,4	115,8	1.055
10 x 1,5	23,8	163,4	1.395
12 x 1,5	24,7	195,1	1.492
14 x 1,5	25,4	226,9	1.583

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SWA LEAD 185			
16 x 1,5	27,2	258,6	1.897
19 x 1,5	28,5	306,2	2.058
20 x 1,5	29,5	322,1	2.166
24 x 1,5	31,8	385,5	2.511
25 x 1,5	31,8	401,4	2.524
27 x 1,5	32,5	433,1	2.614
30 x 1,5	33,3	480,7	2.736
37 x 1,5	35,8	591,8	3.181
2 x 2,5	18,6	55,4	866
3 x 2,5	19,2	80,8	933
4 x 2,5	20,3	106,2	1.037
5 x 2,5	21,5	131,5	1.149
7 x 2,5	22,8	182,2	1.338
10 x 2,5	27,7	258,3	1.940
12 x 2,5	28,7	309,0	2.075
14 x 2,5	29,6	359,7	2.207
16 x 2,5	30,9	410,4	2.438
19 x 2,5	32,4	486,5	2.654
20 x 2,5	33,6	511,9	2.801
24 x 2,5	37,0	613,3	3.307
25 x 2,5	37,0	638,6	3.328
27 x 2,5	37,5	689,3	3.435
30 x 2,5	39,6	765,4	3.961
37 x 2,5	42,2	942,9	4.430

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, other colors, Arctic version with operation between -60°C and +70°C



ÖLFLEX® CONTROL SWA AL/HDPE/PA 186

Armoured, AL/HDPE/PA jacketed, Overall screened control cable
CU/XLPE/AL/HDPE/PA/SWA/PVC



Info

**RE4OH5ER4FR 500 V
EN 50288-7**

Benefits

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

Product features

Armoured, AL/HDPE/PA jacketed, multi-core cable, overall screened, 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
- **Screen:** OS Aluminum longitudinal tape (AL) + TC Drain wire
- **Chemical Barrier:** AL/HDPE/PA
- **Armour:** Galvanized Steel Wire
- **Outer sheath:** PVC, black

Technical data

-  **Core identification code:**
Black with printed numbers
-  **Insulation resistance:**
5000 MOhm x km
-  **Conductor stranding:**
Class 2 IEC 60228
-  **Nominal Voltage U₀/U:**
500 V
-  **Test voltage:**
C/C 2000 V x 1 minute
-  **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 ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SWA AL/HDPE/PA 186			
2 x 1	13,4	25,6	294
3 x 1	13,8	36,1	318
4 x 1	14,5	46,5	350
5 x 1	15,2	57,0	381
7 x 1	15,9	77,8	426
10 x 1	18,9	109,2	555
12 x 1	19,3	130,1	588
14 x 1	19,9	151,0	632
16 x 1	21,0	171,8	698
19 x 1	21,8	203,2	756
20 x 1	23,4	213,6	921
24 x 1	25,5	255,4	1.050
25 x 1	25,5	265,8	1.059
27 x 1	25,8	286,7	1.098
30 x 1	26,5	318,1	1.159
37 x 1	28,4	391,2	1.325
2 x 1,5	14,3	36,5	329
3 x 1,5	14,7	52,3	360
4 x 1,5	15,5	68,2	403
5 x 1,5	16,5	84,1	450
7 x 1,5	17,4	115,8	511
10 x 1,5	20,8	163,4	673
12 x 1,5	21,4	195,1	728
14 x 1,5	22,9	226,9	905

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SWA AL/HDPE/PA 186			
16 x 1,5	23,7	258,6	973
19 x 1,5	25,0	306,2	1.080
20 x 1,5	26,0	322,1	1.143
24 x 1,5	28,4	385,5	1.308
25 x 1,5	28,4	401,4	1.321
27 x 1,5	28,8	433,1	1.374
30 x 1,5	29,6	480,7	1.458
37 x 1,5	31,5	591,8	1.663
2 x 2,5	15,6	55,4	386
3 x 2,5	16,4	80,8	439
4 x 2,5	17,3	106,2	498
5 x 2,5	18,5	131,5	561
7 x 2,5	19,6	182,2	648
10 x 2,5	24,5	258,3	1.003
12 x 2,5	25,3	309,0	1.085
14 x 2,5	26,2	359,7	1.176
16 x 2,5	27,2	410,4	1.273
19 x 2,5	28,7	486,5	1.420
20 x 2,5	29,9	511,9	1.508
24 x 2,5	32,7	613,3	1.732
25 x 2,5	32,7	638,6	1.754
27 x 2,5	33,3	689,3	1.831
30 x 2,5	35,1	765,4	2.155
37 x 2,5	37,7	942,9	2.481

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AVAILABLE ALSO IN: Conductor Class 5, Tinned conductor, Armour DSTA, other colors