



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 ² per conductor | Approx. Outer Diameter (mm) | Copper index (kg/km) | Approx. Weight (kg/km) |
|--|-----------------------------|----------------------|------------------------|
| ÖLFLEX® POWER 204 H | | | |
| 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 ² per conductor | Approx. Outer Diameter (mm) | Copper index (kg/km) | Approx. Weight (kg/km) |
|--|-----------------------------|----------------------|------------------------|
| ÖLFLEX® POWER 204 H | | | |
| 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