



**Description:** ÖLFLEX CLASSIC 110 CH 5 G 0,5\_

**Lapp code:** Lapp 10035035

The **Test voltage** of the cable Lapp 10035035 is 4000 V.

## Application range

- Public buildings like airports or railway stations
- Plant engineering  
Industrial machinery  
Heating and air-conditioning systems
- Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards
- In EMC-sensitive environments  
(electromagnetic compatibility)
- Note: for the use of AWM (Appliance Wiring Material) cables in industrial machinery (USA) according to NFPA 79 Ed. 2012: please see the catalogue appendix table T29

## Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: Halogen-free
- Halogen-free inner sheath, grey
- Tinned-copper braiding
- Outer sheath made of special halogen-free compound, grey (RAL 7001)

In our Cable list on next page you can find all interesting information acc. article Lapp 10035035 and much more.

CABLE LIST - all informations you need you can find here

| Product Name  | Lapp Nr.      | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|---|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 110 CH U <sub>0</sub> /U: 300/500 V |               |   |                     |                      |                |
| ÖLFLEX CLASSIC 110 CH 2 X 0,5                       | Lapp 10035030 | 2 X 0,5   | 7,1                 | 29.1                 | 85             |
| ÖLFLEX CLASSIC 110 CH 3 G 0,5                       | Lapp 10035031 | 3 G 0,5   | 7,4                 | 35.1                 | 95             |
| ÖLFLEX CLASSIC 110 CH 3 X 0,5                       | Lapp 10035032 | 3 X 0,5   | 7,4                 | 35.1                 | 95             |
| ÖLFLEX CLASSIC 110 CH 4 G 0,5                       | Lapp 10035033 | 4 G 0,5   | 8.0                 | 41.4                 | 111            |
| ÖLFLEX CLASSIC 110 CH 4 X 0,5                       | Lapp 10035034 | 4 X 0,5   | 8.0                 | 41.4                 | 111            |
| ÖLFLEX CLASSIC 110 CH 5 G 0,5                       | Lapp 10035035 | 5 G 0,5   | 8,6                 | 48.0                 | 126            |
| ÖLFLEX CLASSIC 110 CH 7 G 0,5                       | Lapp 10035036 | 7 G 0,5   | 9,1                 | 59.9                 | 148            |
| ÖLFLEX CLASSIC 110 CH 12 G 0,5                      | Lapp 10035037 | 12 G 0,5  | 11,5                | 91.4                 | 226            |
| ÖLFLEX CLASSIC 110 CH 2 X 0,75                      | Lapp 10035040 | 2 X 0,75  | 7,7                 | 35.4                 | 101            |
| ÖLFLEX CLASSIC 110 CH 3 G 0,75                      | Lapp 10035041 | 3 G 0,75  | 8.0                 | 43.8                 | 114            |
| ÖLFLEX CLASSIC 110 CH 3 X 0,75                      | Lapp 10035042 | 3 X 0,75  | 8.0                 | 43.8                 | 114            |
| ÖLFLEX CLASSIC 110 CH 4 G 0,75                      | Lapp 10035043 | 4 G 0,75  | 8,5                 | 52.8                 | 130            |
| ÖLFLEX CLASSIC 110 CH 4 X 0,75                      | Lapp 10035044 | 4 X 0,75  | 8,5                 | 52.8                 | 130            |
| ÖLFLEX CLASSIC 110 CH 5 G 0,75                      | Lapp 10035045 | 5 G 0,75  | 9,3                 | 62.3                 | 153            |
| ÖLFLEX CLASSIC 110 CH 5 X 0,75                      | Lapp 10035046 | 5 X 0,75  | 9,3                 | 62.3                 | 153            |
| ÖLFLEX CLASSIC 110 CH 7 G 0,75                      | Lapp 10035047 | 7 G 0,75  | 9,9                 | 79.5                 | 183            |
| ÖLFLEX CLASSIC 110 CH 7 X 0,75                      | Lapp 10035048 | 7 X 0,75  | 9,9                 | 79.5                 | 183            |
| ÖLFLEX CLASSIC 110 CH 12 G 0,75                     | Lapp 10035050 | 12 G 0,75   | 12,5                | 123.2                | 280            |
| ÖLFLEX CLASSIC 110 CH 18 G 0,75                     | Lapp 10035051 | 18 G 0,75   | 14,8                | 188.6                | 399            |
| ÖLFLEX CLASSIC 110 CH 25 G 0,75                     | Lapp 10035052 | 25 G 0,75   | 16,9                | 247.5                | 522            |
| ÖLFLEX CLASSIC 110 CH 2 X 1,0                       | Lapp 10035055 | 2 X 1,0   | 8.0                 | 41.4                 | 112            |
| ÖLFLEX CLASSIC 110 CH 3 G 1,0                       | Lapp 10035056 | 3 G 1,0   | 8,4                 | 52.1                 | 127            |
| ÖLFLEX CLASSIC 110 CH 3 X 1,0                       | Lapp 10035057 | 3 X 1,0   | 8,4                 | 52.1                 | 127            |
| ÖLFLEX CLASSIC 110 CH 4 G 1,0                       | Lapp 10035058 | 4 G 1,0   | 8,9                 | 73.5                 | 157            |

# ÖLFLEX CLASSIC 110 CH 5 G 0,5\_

Lapp 10035035



| Product Name                   | Lapp Nr.      | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|--------------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX CLASSIC 110 CH 4 X 1,0  | Lapp 10035059 | 4 X 1,0   | 8,9                 | 73.5                 | 157            |
| ÖLFLEX CLASSIC 110 CH 5 G 1,0  | Lapp 10035060 | 5 G 1,0   | 9,7                 | 83.2                 | 171            |
| ÖLFLEX CLASSIC 110 CH 7 G 1,0  | Lapp 10035061 | 7 G 1,0   | 10,3                | 97.2                 | 210            |
| ÖLFLEX CLASSIC 110 CH 12 G 1,0 | Lapp 10035062 | 12 G 1,0  | 13,6                | 168.7                | 347            |
| ÖLFLEX CLASSIC 110 CH 18 G 1,0 | Lapp 10035063 | 18 G 1,0  | 15,7                | 235.4                | 474            |
| ÖLFLEX CLASSIC 110 CH 25 G 1,0 | Lapp 10035064 | 25 G 1,0  | 17,8                | 312.0                | 611            |
| ÖLFLEX CLASSIC 110 CH 41 G 1,0 | Lapp 10035065 | 41 G 1,0  | 22,4                | 508.0                | 969            |
| ÖLFLEX CLASSIC 110 CH 2 X 1,5  | Lapp 10035067 | 2 X 1,5   | 8,6                 | 53.2                 | 134            |
| ÖLFLEX CLASSIC 110 CH 3 G 1,5  | Lapp 10035068 | 3 G 1,5   | 9,0                 | 69.1                 | 155            |
| ÖLFLEX CLASSIC 110 CH 3 X 1,5  | Lapp 10035069 | 3 X 1,5   | 9,0                 | 69.1                 | 155            |
| ÖLFLEX CLASSIC 110 CH 4 G 1,5  | Lapp 10035070 | 4 G 1,5   | 9,8                 | 85.8                 | 186            |
| ÖLFLEX CLASSIC 110 CH 5 G 1,5  | Lapp 10035071 | 5 G 1,5   | 10,5                | 102.8                | 215            |
| ÖLFLEX CLASSIC 110 CH 7 G 1,5  | Lapp 10035072 | 7 G 1,5   | 11,4                | 134.2                | 269            |
| ÖLFLEX CLASSIC 110 CH 12 G 1,5 | Lapp 10035073 | 12 G 1,5  | 15,0                | 232.8                | 445            |
| ÖLFLEX CLASSIC 110 CH 18 G 1,5 | Lapp 10035074 | 18 G 1,5  | 17,4                | 327.8                | 610            |
| ÖLFLEX CLASSIC 110 CH 25 G 1,5 | Lapp 10035075 | 25 G 1,5  | 20,4                | 463.2                | 843            |
| ÖLFLEX CLASSIC 110 CH 3 G 2,5  | Lapp 10035089 | 3 G 2,5   | 10,5                | 102.8                | 220            |
| ÖLFLEX CLASSIC 110 CH 4 G 2,5  | Lapp 10035090 | 4 G 2,5   | 11,4                | 129.4                | 265            |
| ÖLFLEX CLASSIC 110 CH 5 G 2,5  | Lapp 10035091 | 5 G 2,5   | 12,7                | 157.5                | 322            |
| ÖLFLEX CLASSIC 110 CH 7 G 2,5  | Lapp 10035092 | 7 G 2,5   | 14,0                | 223.0                | 422            |
| ÖLFLEX CLASSIC 110 CH 12 G 2,5 | Lapp 10035093 | 12 G 2,5  | 17,9                | 360.5                | 659            |
| ÖLFLEX CLASSIC 110 CH 4 G 4    | Lapp 10035094 | 4 G 4   | 13,6                | 207.6                | 390            |
| ÖLFLEX CLASSIC 110 CH 5 G 4    | Lapp 10035095 | 5 G 4   | 14,9                | 251.5                | 463            |
| ÖLFLEX CLASSIC 110 CH 7 G 4    | Lapp 10035096 | 7 G 4   | 16,2                | 333.9                | 588            |
| ÖLFLEX CLASSIC 110 CH 4 G 6    | Lapp 10035097 | 4 G 6   | 15,8                | 294.8                | 516            |
| ÖLFLEX CLASSIC 110 CH 5 G 6    | Lapp 10035098 | 5 G 6   | 17,3                | 356.1                | 616            |

# ÖLFLEX CLASSIC 110 CH 5 G 0,5\_

Lapp 10035035



| Product Name                 | Lapp Nr.      | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|------------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX CLASSIC 110 CH 7 G 6  | Lapp 10035099 | 7 G 6   | 18,8                | 479.3                | 792            |
| ÖLFLEX CLASSIC 110 CH 4 G 10 | Lapp 10035380 | 4 G 10  | 19,1                | 461.1                | 789            |
| ÖLFLEX CLASSIC 110 CH 5 G 10 | Lapp 10035381 | 5 G 10  | 21,4                | 586.6                | 998            |
| ÖLFLEX CLASSIC 110 CH 4 G 16 | Lapp 10035382 | 4 G 16  | 22,3                | 727.6                | 1154           |
| ÖLFLEX CLASSIC 110 CH 5 G 16 | Lapp 10035383 | 5 G 16  | 24,5                | 888.7                | 1389           |
| ÖLFLEX CLASSIC 110 CH 4 G 25 | Lapp 10035384 | 4 G 25  | 27,0                | 1123.9               | 1807           |
| ÖLFLEX CLASSIC 110 CH 4 G 35 | Lapp 10035386 | 4 G 35  | 30,4                | 1529.2               | 2321           |