## Product Description

Space saving installation due to small cable diameters


CE RoHS

## Application range

- Measurement and control technology
- Office machines and systems for data processing

## Benefits

- Space saving installation due to small cable diameters

## Design

- Fine strands of bare copper wires
- PVC insulation LAPP P8/1
- Plastic foil wrapping
- tinned copper braid
- PVC outer sheath, grey (RAL 7001)

## Product features

- Flame retardant according to IEC 60332-1-2
- Good chemical resistance see Appendix T1

## Technical Data

**Core identification code**
Black with white numbers acc. to VDE 0293
**Based on**
HD 21.13 S1
VDE 0281 Part 13
**Specific insulation resistance**
> 20 GOhm x cm
**Conductor stranding**
Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5
**Minimum bending radius**
Occasional flexing: 20 x cable diameter
Fixed installed: 6 x outer diameter

**Rated voltage**
U0/U: 300/500 V
**Test voltage**
Core/core: 4000 V
Core/screen: 2000 V
**Protective conductor**
G = with protective conductor GN/YE
X = without protective conductor
**Range of temperature**
Occasional flexing: -5°C up to +70°C
Fixed installation: -40°C up to +80°C

## Article List

| Part number | Number of cores and mm² per conductor | Outer diameter in mm | Copper index kg/km | Weight kg/km |
|---|---|---|---|---|
| ÖLFLEX® CLASSIC 115 CY | | | | |
| 1136752 | 2 X 0,5 | 5,8 | 36.0 | 45 |
| 1136003 | 3 G 0,5 | 6,1 | 43.0 | 59 |
| 1136753 | 3 X 0,5 | 6,1 | 43.0 | 59 |
| 1136004 | 4 G 0,5 | 6,5 | 49.0 | 71 |
| 1136754 | 4 X 0,5 | 6,5 | 49.0 | 71 |
| 1136005 | 5 G 0,5 | 7.0 | 57.0 | 86 |
| 1136755 | 5 X 0,5 | 7.0 | 57.0 | 86 |
| 1136007 | 7 G 0,5 | 7,5 | 69.0 | 105 |
| 1136757 | 7 X 0,5 | 7,5 | 69.0 | 105 |
| 1136012 | 12 G 0,5 | 9,9 | 104.0 | 200 |
| 1136762 | 12 X 0,5 | 9,9 | 104.0 | 200 |
| 1136018 | 18 G 0,5 | 11,5 | 141.0 | 275 |
| 1136768 | 18 X 0,5 | 11,5 | 141.0 | 275 |
| 1136025 | 25 G 0,5 | 13,4 | 211.0 | 350 |
| 1136775 | 25 X 0,5 | 13,4 | 211.0 | 350 |
| 1136802 | 2 X 0,75 | 6,2 | 43.0 | 56 |
| 1136103 | 3 G 0,75 | 6,5 | 52.0 | 70 |

| | | | | |
|---|---|---|---|---|
| 1136803 | 3 X 0,75 | 6,5 | 52.0 | 70 |
| 1136104 | 4 G 0,75 | 7.0 | 61.0 | 95 |
| 1136804 | 4 X 0,75 | 7.0 | 61.0 | 95 |
| 1136105 | 5 G 0,75 | 7,7 | 72.0 | 130 |
| 1136805 | 5 X 0,75 | 7,7 | 72.0 | 130 |
| 1136107 | 7 G 0,75 | 8,3 | 89.0 | 120 |
| 1136807 | 7 X 0,75 | 8,3 | 89.0 | 168 |
| 1136112 | 12 G 0,75 | 10,9 | 138.0 | 232 |
| 1136118 | 18 G 0,75 | 12,7 | 211.0 | 292 |
| 1136125 | 25 G 0,75 | 14,8 | 280.0 | 435 |
| 1136825 | 25 X 0,75 | 14,8 | 280.0 | 435 |
| 1136852 | 2 X 1,0 | 6,5 | 51.0 | 71 |
| 1136203 | 3 G 1,0 | 6,8 | 62.0 | 86 |
| 1136853 | 3 X 1,0 | 6,8 | 62.0 | 86 |
| 1136204 | 4 G 1,0 | 7,3 | 74.0 | 98 |
| 1136854 | 4 X 1,0 | 7,3 | 74.0 | 98 |
| 1136205 | 5 G 1,0 | 8,1 | 88.0 | 121 |
| 1136855 | 5 X 1,0 | 8,1 | 88.0 | 121 |
| 1136207 | 7 G 1,0 | 8,8 | 112.0 | 147 |
| 1136857 | 7 X 1,0 | 8,8 | 112.0 | 147 |
| 1136212 | 12 G 1,0 | 11,5 | 185.0 | 285 |
| 1136218 | 18 G 1,0 | 13,9 | 268.0 | 395 |
| 1136225 | 25 G 1,0 | 15,9 | 354.0 | 486 |
| 1136902 | 2 X 1,5 | 7,1 | 65.0 | 86 |
| 1136303 | 3 G 1,5 | 7,5 | 82.0 | 112 |
| 1136903 | 3 X 1,5 | 7,5 | 82.0 | 112 |
| 1136304 | 4 G 1,5 | 8,2 | 100.0 | 135 |
| 1136904 | 4 X 1,5 | 8,2 | 100.0 | 135 |
| 1136305 | 5 G 1,5 | 8,9 | 119.0 | 148 |
| 1136905 | 5 X 1,5 | 8,9 | 119.0 | 148 |
| 1136307 | 7 G 1,5 | 9,9 | 154.0 | 192 |
| 1136907 | 7 X 1,5 | 9,9 | 154.0 | 192 |
| 1136312 | 12 G 1,5 | 13.0 | 268.0 | 332 |
| 1136318 | 18 G 1,5 | 15,6 | 373.0 | 553 |
| 1136325 | 25 G 1,5 | 17,9 | 530.0 | 734 |
| 1136334 | 34 G 1,5 | 20,8 | 683.0 | 944 |
| 1136403 | 3 G 2,5 | 8,9 | 118.0 | 151 |
| 1136404 | 4 G 2,5 | 9,9 | 147.0 | 188 |
| 1136405 | 5 G 2,5 | 11.0 | 176.0 | 270 |
| 1136407 | 7 G 2,5 | 11,9 | 253.0 | 294 |
| 1136412 | 12 G 2,5 | 16.0 | 355.0 | 589 |

| | | | | |
|---|---|---|---|---|
| 1136418 | 18 G 2,5 | 19.0 | 569.0 | 978 |
| 1136425 | 25 G 2,5 | 22,2 | 827.0 | 1358 |
| 1136504 | 4 G 4 | 11,6 | 248.0 | 305 |
| 1136507 | 7 G 4 | 14,4 | 355.0 | 500 |
| 1136604 | 4 G 6 | 14,2 | 343.0 | 440 |
| 1136607 | 7 G 6 | 17.0 | 505.0 | 672 |
| 1136614 | 4 G 10 | 17,2 | 535.0 | 637 |
| 1136615 | 5 G 10 | 19,5 | 592.0 | 824 |
| 1136624 | 4 G 16 | 20,2 | 800.0 | 1050 |
| 1136625 | 5 G 16 | 22,6 | 895.0 | 1285 |
| 1136634 | 4 G 25 | 25,1 | 1075.0 | 1413 |
| 1136635 | 5 G 25 | 28.0 | 1400.0 | 1976 |
| 1136638 | 4 G 35 | 28.0 | 1576.0 | 2070 |

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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