

### Product Description

Space saving installation due to small cable diameters



### 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 mm <sup>2</sup> 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                 | 45           |
| 1136003                | 3 G 0,5   | 6,1                  | 43                 | 59           |
| 1136753                | 3 X 0,5   | 6,1                  | 43                 | 59           |
| 1136004                | 4 G 0,5   | 6,5                  | 49                 | 71           |
| 1136754                | 4 X 0,5   | 6,5                  | 49                 | 71           |
| 1136005                | 5 G 0,5   | 7                    | 57                 | 86           |
| 1136755                | 5 X 0,5   | 7                    | 57                 | 86           |
| 1136007                | 7 G 0,5   | 7,5                  | 69                 | 105          |
| 1136757                | 7 X 0,5   | 7,5                  | 69                 | 105          |
| 1136012                | 12 G 0,5  | 9,9                  | 104                | 200          |
| 1136762                | 12 X 0,5  | 9,9                  | 104                | 200          |
| 1136018                | 18 G 0,5  | 11,5                 | 141                | 275          |
| 1136768                | 18 X 0,5  | 11,5                 | 141                | 275          |
| 1136025                | 25 G 0,5  | 13,4                 | 211                | 350          |
| 1136775                | 25 X 0,5  | 13,4                 | 211                | 350          |
| 1136802                | 2 X 0,75  | 6,2                  | 43                 | 56           |
| 1136103                | 3 G 0,75  | 6,5                  | 52                 | 70           |

|         |           |      |     |     |
|---------|-----------|------|-----|-----|
| 1136803 | 3 X 0,75  | 6,5  | 52  | 70  |
| 1136104 | 4 G 0,75  | 7    | 61  | 95  |
| 1136804 | 4 X 0,75  | 7    | 61  | 95  |
| 1136105 | 5 G 0,75  | 7,7  | 72  | 130 |
| 1136805 | 5 X 0,75  | 7,7  | 72  | 130 |
| 1136107 | 7 G 0,75  | 8,3  | 89  | 120 |
| 1136807 | 7 X 0,75  | 8,3  | 89  | 168 |
| 1136112 | 12 G 0,75 | 10,9 | 138 | 232 |
| 1136118 | 18 G 0,75 | 12,7 | 211 | 292 |
| 1136125 | 25 G 0,75 | 14,8 | 280 | 435 |
| 1136825 | 25 X 0,75 | 14,8 | 280 | 435 |
| 1136852 | 2 X 1,0   | 6,5  | 51  | 71  |
| 1136203 | 3 G 1,0   | 6,8  | 62  | 86  |
| 1136853 | 3 X 1,0   | 6,8  | 62  | 86  |
| 1136204 | 4 G 1,0   | 7,3  | 74  | 98  |
| 1136854 | 4 X 1,0   | 7,3  | 74  | 98  |
| 1136205 | 5 G 1,0   | 8,1  | 88  | 121 |
| 1136855 | 5 X 1,0   | 8,1  | 88  | 121 |
| 1136207 | 7 G 1,0   | 8,8  | 112 | 147 |
| 1136857 | 7 X 1,0   | 8,8  | 112 | 147 |
| 1136212 | 12 G 1,0  | 11,5 | 185 | 285 |
| 1136218 | 18 G 1,0  | 13,9 | 268 | 395 |
| 1136225 | 25 G 1,0  | 15,9 | 354 | 486 |
| 1136902 | 2 X 1,5   | 7,1  | 65  | 86  |
| 1136303 | 3 G 1,5   | 7,5  | 82  | 112 |
| 1136903 | 3 X 1,5   | 7,5  | 82  | 112 |
| 1136304 | 4 G 1,5   | 8,2  | 100 | 135 |
| 1136904 | 4 X 1,5   | 8,2  | 100 | 135 |
| 1136305 | 5 G 1,5   | 8,9  | 119 | 148 |
| 1136905 | 5 X 1,5   | 8,9  | 119 | 148 |
| 1136307 | 7 G 1,5   | 9,9  | 154 | 192 |
| 1136907 | 7 X 1,5   | 9,9  | 154 | 192 |
| 1136312 | 12 G 1,5  | 13   | 268 | 332 |
| 1136318 | 18 G 1,5  | 15,6 | 373 | 553 |
| 1136325 | 25 G 1,5  | 17,9 | 530 | 734 |
| 1136334 | 34 G 1,5  | 20,8 | 683 | 944 |
| 1136403 | 3 G 2,5   | 8,9  | 118 | 151 |
| 1136404 | 4 G 2,5   | 9,9  | 147 | 188 |
| 1136405 | 5 G 2,5   | 11   | 176 | 270 |
| 1136407 | 7 G 2,5   | 11,9 | 253 | 294 |
| 1136412 | 12 G 2,5  | 16   | 355 | 589 |

|         |          |      |      |      |
|---------|----------|------|------|------|
| 1136418 | 18 G 2,5 | 19   | 569  | 978  |
| 1136425 | 25 G 2,5 | 22,2 | 827  | 1358 |
| 1136504 | 4 G 4    | 11,6 | 248  | 305  |
| 1136507 | 7 G 4    | 14,4 | 355  | 500  |
| 1136604 | 4 G 6    | 14,2 | 343  | 440  |
| 1136607 | 7 G 6    | 17   | 505  | 672  |
| 1136614 | 4 G 10   | 17,2 | 535  | 637  |
| 1136615 | 5 G 10   | 19,5 | 592  | 824  |
| 1136624 | 4 G 16   | 20,2 | 800  | 1050 |
| 1136625 | 5 G 16   | 22,6 | 895  | 1285 |
| 1136634 | 4 G 25   | 25,1 | 1075 | 1413 |
| 1136635 | 5 G 25   | 28   | 1400 | 1976 |
| 1136638 | 4 G 35   | 28   | 1576 | 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](http://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.

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