

Wide range use

PVC sheath and numbered cores

ÖLFLEX® CLASSIC 115 CY



Info

- EMC compliant
- Slim and light, without inner sheath

Benefits

- Space saving installation due to small cable diameters

Application range

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

Product features

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

Approvals (Norm references)



Design

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

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

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
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	6.5	51.0	71
1136203	3 G 1	6.8	62.0	86
1136853	3 X 1	6.8	62.0	86
1136204	4 G 1	7.3	74.0	98
1136854	4 X 1	7.3	74.0	98
1136205	5 G 1	8.1	88.0	121
1136855	5 X 1	8.1	88.0	121

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
1136207	7 G 1	8.8	112.0	147
1136857	7 X 1	8.8	112.0	147
1136212	12 G 1	11.5	185.0	285
1136218	18 G 1	13.9	268.0	395
1136225	25 G 1	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	1,358
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	1,050
1136625	5 G 16	22.6	895.0	1,285
1136634	4 G 25	25.1	1,075.0	1,413
1136635	5 G 25	28.0	1,400.0	1,976
1136638	4 G 35	28.0	1,576.0	2,070

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)

Comparable products

- ÖLFLEX® ROBUST 215 C see page 62
- ÖLFLEX® CLASSIC 110 CY see page 32

Accessories

- 3M Scotch 1183 screening tape see page 950
- SKINTOP® MS-M BRUSH see page 658