



ÖLFLEX® CLASSIC 115 CY

EMC-conform screened control cable with smallest space requirement

Smaller because without inner sheath



Application

Range of application:

- All electrical systems in dry, damp or wet interiors.
- Especially in industrial and/or in EMC-critical environments.
- Outdoors with UV protection only and in observance of the temperature ranges.
- Suitable for fixed installation, but also for flexible applications under conditions of sporadic, not continuously returning movement.
- Industrial plants with medium mechanical stress.

Suitable for:

- Plant engineering
- Machine tools
- Conveyor systems
- Assembly lines
- Production lines
- Power stations
- Office machines
- Cooling and data processing systems
- Air conditioning technology
- Measuring and automatic control and computer units

Advantages

- Due to the fact made without PVC inner sheath, visible results are smaller outer diameters and therefore reduced space requirement.
- The LAPP-PVC-compound P8/1 fulfills the highest electrical and mechanical demands.
- The high test voltage of 4000 V AC (core/core) provides highest insulation safety of this 300/500 Volt cable.
- It is to a large extent resistant against oils and chemicals, tough but flexible.
- Manufactured free of substances harmful to lacquer (LB-free, silicone free) and are used in paint shops.

Worth knowing

Accessories:

- For optimal earthing of the braid we recommend to use our earthing and EMC glands: [\[\[268\]\]](#).

Comparable products:

- Copper screened versions with innersheath and grey outer sheath see ÖLFLEX® CLASSIC 110 CY on [\[\[1338\]\]](#)
- For smaller cross-sections see [\[\[266\]\]](#).
- For PVC-free and halogen-free versions with improved fire-resistant characteristics refer to [\[\[267\]\]](#).










Technical note:

- On demand: versions, having a drain wire under copper braid.
- Other versions with polyurethane outer sheath are available on request.
- The product is conform to EEC directive 73/23 (Low Voltage Directive) CE.
- Flame-retardant (IEC 60332.1)

Cable Make-up

- Fine wire strands of plain copper wires
- Core insulation of special PVC P 8/1
- Black with white numbers
- Version G: one core market green-yellow as protective conductor
- Version X: without protective conductor.
- Covered with an insulating plastic foil
- Screening braid of tinned copper wire
- Outer sheath of special PVC based compound
- silver-grey (RAL 7001)

Technical Data

 Minimum bending radius for für flexiblen Einsatz: 20 x Außendurchmesser für feste Verlegung: 6 x Außendurchmesser	 Temperature range: bewegt: -5 °C bis +70 °C fest verlegt: -30 °C bis +70 °C	 Conductor stranding: feindrätig nach VDE 0295, Klasse 5 / IEC 228 Cl.5	 Core ident code: Schwarze Adern weißem Nummerndruck (VDE 0293)
 Protective conductor: G = mit Schutzleiter gnge X = ohne Schutzleiter	 Nominal voltage U0/U: 300/500 V	 Insulation: specific insulation resistance: > 20 GOhm x cm	 Test voltage: A/A 4000 V A/S 2000 V
 In accordance to: Ader: VDE 0245/0250/0281 Mantel: VDE 0250/0281			

Part-Number	No of cores and mm ² per conductor	Approx. outside diameter in mm ca.	Copper weight kg/km	Approx. weight kg/km
-------------	---	------------------------------------	---------------------	----------------------

For a quotation please click on a part number

ÖLFLEX® CLASSIC 115 CY

1136 752	2 X 0,5	5,8	36	45
1136 003	3 G 0,5	6,1	43	59
1136 753	3 X 0,5	6,1	43	59
1136 004	4 G 0,5	6,5	49	83
1136 754	4 X 0,5	6,5	49	83
1136 005	5 G 0,5	7,0	57	96
1136 755	5 X 0,5	7,0	57	96
1136 007	7 G 0,5	7,5	69	136
1136 757	7 X 0,5	7,5	69	136
1136 012	12 G 0,5	9,9	104	200
1136 762	12 X 0,5	9,9	104	200
1136 018	18 G 0,5	11,5	141	275
1136 768	18 X 0,5	11,5	141	275
1136 025	25 G 0,5	13,4	211	350
1136 775	25 X 0,5	13,4	211	350

1136 802	2 X 0,75	6,2	43	56
1136 103	3 G 0,75	6,5	52	70
1136 803	3 X 0,75	6,5	52	70
1136 104	4 G 0,75	7,0	61	95
1136 804	4 X 0,75	7,0	61	95
1136 105	5 G 0,75	7,7	72	155
1136 805	5 X 0,75	7,7	72	155
1136 107	7 G 0,75	8,3	89	168
1136 807	7 X 0,75	8,3	89	168
1136 112	12 G 0,75	10,9	138	232
1136 118	18 G 0,75	12,7	211	315
1136 125	25 G 0,75	14,8	280	435
1136 825	25 X 0,75	14,8	280	435
1136 852	2 X 1,0	6,5	51	84
1136 203	3 G 1,0	6,5	62	110
1136 853	3 X 1,0	6,8	62	110
1136 204	4 G 1,0	7,3	74	130
1136 854	4 X 1,0	7,3	74	130
1136 205	5 G 1,0	8,1	88	156
1136 855	5 X 1,0	8,1	88	156
1136 207	7 G 1,0	8,8	112	192
1136 857	7 X 1,0	8,8	112	192
1136 212	12 G 1,0	11,5	185	285
1136 218	18 G 1,0	13,9	268	395
1136 225	25 G 1,0	15,9	354	656
1136 902	2 X 1,5	7,1	65	97
1136 303	3 G 1,5	7,5	82	125
1136 903	3 X 1,5	7,5	82	125
1136 304	4 G 1,5	8,2	100	165
1136 904	4 X 1,5	8,2	100	165
1136 305	5 G 1,5	8,9	119	193
1136 905	5 X 1,5	8,9	119	193
1136 307	7 G 1,5	9,9	154	245
1136 907	7 X 1,5	9,9	154	245
1136 312	12 G 1,5	13,0	268	365
1136 318	18 G 1,5	15,6	373	553
1136 325	25 G 1,5	17,9	530	734
1136 334	34 G 1,5	20,8	683	944
1136 403	3 G 2,5	8,9	118	188

1136 404	4 G 2,5	9,9	147	236
1136 405	5 G 2,5	11,0	176	270
1136 407	7 G 2,5	11,9	253	340
1136 412	12 G 2,5	16,0	355	589
1136 418	18 G 2,5	19,0	569	978
1136 425	25 G 2,5	22,2	827	1358
1136 504	4 G 4,0	11,6	248	305
1136 507	7 G 4,0	14,4	355	500
1136 604	4 G 6,0	14,2	343	440
1136 607	7 G 6,0	17,0	505	672
1136 614	4 G 10,0	17,2	535	710
1136 617	7 G 10,0	21,4	820	1305
1136 624	4 G 16,0	20,2	800	1050
1136 627	7 G 16,0	24,8	1470	1813
1136 634	4 G 25,0	25,1	1075	1570
1136 638	4 G 35,0	30,4	1576	2070

G = with protective conductor gn/ye; X = Without protective conductor.

No cutting costs are charged for standard lengths (50, 100, 500, 1000 m).

Please advise the lengths you require (e.g. 1 x 500 m drum or 5 x 100 m coil).

Coils < 30 kg, drums > 30kg.