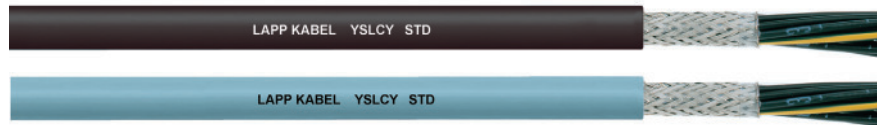


**YSLCY**

**PVC insulated/sheathed and numbered cores**



**Info**

- EMC environment
- UV-resistant
- Slim and light, without inner sheath

**Technical data**

- Core identification code**  
Black core with white numbers
- Based on**  
IEC 60227
- Specific insulation resistance**  
> 20 GOhm x cm
- Conductor stranding**  
Fine wire acc. to IEC 60228 Cl.5
- Minimum bending radius**  
Occasional flexing: 25 x outer diameter  
Fixed installation: 12 x outer diameter
- Nominal voltage**  
U<sub>0</sub>/U: 300/500 V
- Test voltage**  
2000 V
- Protective conductor**  
G = with protective conductor GN/YE  
X = without protective conductor
- Temperature range**  
Fixed installation: -20°C to +70°C

**Benefits**

- Space saving due to small cable diameter
- Economic solution for basic application

**Application range**

- Used as a connection cable for measuring, monitoring and control connections in industrial machineries, heating and air refrigeration systems, office equipment, etc.
- Dry or damp interiors under medium-mechanical load conditions
- Fixed installations as well as for occasional flexing at free, non-continuously recurring movement without tensile load
- Suitable in EMC-critical environments

**Product features**

- Flame-retardant acc. to IEC 60332-1-2
- UV resistant can be used outdoor
- With or without protective conductor gn/ye

**Approvals (Norm references)**



**Design**

- Fine strands of bare copper wires
- PVC core insulation
- Plastic foil wrapping
- Tinned copper wire screen braiding
- PVC outer sheath, grey or black
- MOQ may apply for certain sizes

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
<b>Grey</b>					
3803702	2 X0.5	5.8	grey	18.8	45
3803703	3 G0.5	6.1	grey	24.4	59
3803704	4 G0.5	6.5	grey	30.3	71
3803705	5 G0.5	7.0	grey	36.3	86
3803706	7 G0.5	7.5	grey	47.4	105
3803707	10 G0.5	9.3	grey	66.8	168
3803708	12 G0.5	9.9	grey	76.4	200
3803709	16 G0.5	10.8	grey	97.9	252
3803710	18 G0.5	11.5	grey	108.9	275
3803711	21 G0.5	12.1	grey	124.4	306
3803712	25 G0.5	13.4	grey	147.7	350
3803740	2 X0.75	6.0	grey	24.6	69
3803741	3 G0.75	6.3	grey	32.7	79
3803742	4 G0.75	6.9	grey	41.1	93
3803743	5 G0.75	7.7	grey	49.7	116
3803744	7 G0.75	8.3	grey	65.7	139
3803745	10 G0.75	10.4	grey	93.0	196
3803810	12 G0.75	10.9	grey	107.4	232
3803746	16 G0.75	11.9	grey	139.2	277
3803811	18 G0.75	12.7	grey	154.7	292
3803747	21 G0.75	13.3	grey	177.5	347
3803748	25 G0.75	15.2	grey	210.7	418
3803750	2 X1.0	6.3	grey	30.5	77
3803751	3 G1.0	6.6	grey	40.9	90
3803752	4 G1.0	7.2	grey	51.8	105
3803753	5 G1.0	8.0	grey	63.1	131
3803754	7 G1.0	8.6	grey	83.8	161
3803755	10 G1.0	10.9	grey	118.6	223
3803815	12 G1.0	11.5	grey	137.8	285
3803756	16 G1.0	12.5	grey	179.5	322
3803816	18 G1.0	13.9	grey	199.9	395
3803757	21 G1.0	14.2	grey	230.4	448
3803758	25 G1.0	16.1	grey	273.7	493
3803760	2 X1.5	7.0	grey	41.1	97
3803761	3 G1.5	7.4	grey	56.6	118
3803762	4 G1.5	8.0	grey	72.7	140
3803763	5 G1.5	8.9	grey	89.0	174
3803764	7 G1.5	9.8	grey	119.2	216
3803765	10 G1.5	12.4	grey	169.5	310
3803817	12 G1.5	13.0	grey	198.3	332
3803766	16 G1.5	14.5	grey	259.1	489
3803818	18 G1.5	15.6	grey	290.1	553
3803767	21 G1.5	16.2	grey	340.7	535
3803768	25 G1.5	18.4	grey	403.8	884
3803770	2 X2.5	8.1	grey	63.7	130
3803771	3 G2.5	8.7	grey	89.1	161
3803772	4 G2.5	9.7	grey	114.9	205
3803773	5 G2.5	10.8	grey	141.1	248
3803774	7 G2.5	11.8	grey	191.2	319
3803775	10 G2.5	15.2	grey	272.5	466
3803776	18 G2.5	18.6	grey	477.5	733
3803780	2 X4	9.9	grey	95.9	200
3803781	3 G4	10.6	grey	135.7	255
3803782	4 G4	11.6	grey	176.6	294
3803783	5 G4	12.8	grey	217.9	362
3803784	7 G4	14.1	grey	297.6	460
3803787	2 X6	11.6	grey	138.2	274
3803788	3 G6	12.5	grey	197.9	373
3803789	4 G6	13.8	grey	258.0	447
3803790	5 G6	15.2	grey	318.8	538
3803791	7 G6	16.6	grey	443.4	676
3803794	2 X10	13.8	grey	220.3	407

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3803795	3 G10	14.8	grey	318.5	566
3803796	4 G10	16.4	grey	423.8	733
3803797	5 G10	18.1	grey	523.9	915
3803800	2 X16	17.0	grey	348.2	563
3803801	3 G16	18.3	grey	505.0	783
3803802	4 G16	20.2	grey	669.4	984
3803803	5 G16	22.4	grey	829.5	1198
3803806	2 X25	20.7	grey	536.4	929
3803807	3 G25	22.1	grey	781.5	1260
3803808	4 G25	24.5	grey	1,028.3	1644
3803809	5 G25	27.0	grey	1,276.7	1997
<b>Black</b>					
3803702B	2 X0.5	5.8	black	18.8	45
3803703B	3 G0.5	6.1	black	24.4	59
3803704B	4 G0.5	6.5	black	30.3	71
3803705B	5 G0.5	7.0	black	36.3	86
3803706B	7 G0.5	7.5	black	47.4	105
3803707B	10 G0.5	9.3	black	66.8	168
3803708B	12 G0.5	9.9	black	76.4	200
3803709B	16 G0.5	10.8	black	97.9	252
3803710B	18 G0.5	11.5	black	108.9	275
3803711B	21 G0.5	12.1	black	124.4	306
3803712B	25 G0.5	13.4	black	147.7	350
3803740B	2 X0.75	6.0	black	24.6	69
3803741B	3 G0.75	6.3	black	32.7	79
3803742B	4 G0.75	6.9	black	41.1	93
3803743B	5 G0.75	7.7	black	49.7	116
3803744B	7 G0.75	8.3	black	65.7	139
3803745B	10 G0.75	10.4	black	93.0	196
3803810B	12 G0.75	10.9	black	107.4	232
3803746B	16 G0.75	11.9	black	139.2	277
3803811B	18 G0.75	12.7	black	154.7	292
3803747B	21 G0.75	13.3	black	177.5	347
3803748B	25 G0.75	15.2	black	210.7	418
3803750B	2 X1.0	6.3	black	30.5	77
3803751B	3 G1.0	6.6	black	40.9	90
3803752B	4 G1.0	7.2	black	51.8	105
3803753B	5 G1.0	8.0	black	63.1	131
3803754B	7 G1.0	8.6	black	83.8	161
3803755B	10 G1.0	10.9	black	118.6	223
3803815B	12 G1.0	11.5	black	137.8	285
3803756B	16 G1.0	12.5	black	179.5	322
3803816B	18 G1.0	13.9	black	199.9	395
3803757B	21 G1.0	14.2	black	230.4	448
3803758B	25 G1.0	16.1	black	273.7	493
3803760B	2 X1.5	7.0	black	41.1	97
3803761B	3 G1.5	7.4	black	56.6	118
3803762B	4 G1.5	8.0	black	72.7	140
3803763B	5 G1.5	8.9	black	89.0	174
3803764B	7 G1.5	9.8	black	119.2	216
3803765B	10 G1.5	12.4	black	169.5	310
3803817B	12 G1.5	13.0	black	198.3	332
3803766B	16 G1.5	14.5	black	259.1	489
3803818B	18 G1.5	15.6	black	290.1	553
3803767B	21 G1.5	16.2	black	340.7	535
3803768B	25 G1.5	18.4	black	403.8	884
3803770B	2 X2.5	8.1	black	63.7	130
3803771B	3 G2.5	8.7	black	89.1	161
3803772B	4 G2.5	9.7	black	114.9	205
3803773B	5 G2.5	10.8	black	141.1	248
3803774B	7 G2.5	11.8	black	191.2	319
3803775B	10 G2.5	15.2	black	272.5	466
3803776B	18 G2.5	18.6	black	477.5	733

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.