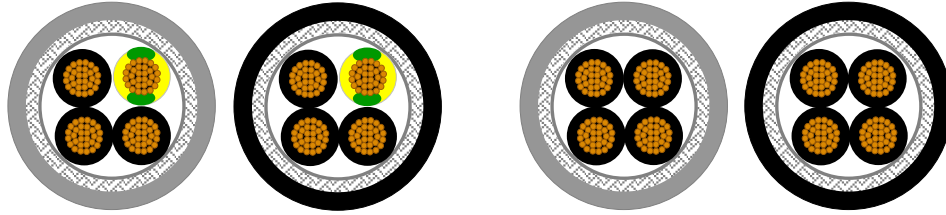


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\*Illustrations are not to scale and do not represent detailed images of the respective products.

### 1. Application

YSLCY control cable is suitable for free but not continuously moving applications, without tensile loads or compulsory guidance as well as for fixed laying. This cable is suitable in EMC-critical environments. It can be used also as a connection cable for measuring, monitoring and control connections in industrial machineries, heating and air refrigeration systems, office equipment machines, etc.

### 2. Reference Standard(s)

Based on IEC 60227

### 3. Cable Construction

- 3.1. Conductor : Fine strands of bare copper wires acc. to IEC 60228, Cl. 5
- 3.2. Core Insulation : Extruded PVC compound
- 3.3. Core Colours : Black with white number marking, with or without GnYe protective conductor
- 3.4. Assembly of Cores : Cores twisted in layers
- 3.5. Wrapping : Mylar tape wrapping
- 3.6. Screen : Tinned copper wire braiding,  $\geq 70\%$  coverage
- 3.7. Outer Sheath : Extruded PVC compound,
- 3.8. Sheath colour : Grey or Black

### 4. Technical Data

- 4.1. Rated Voltage : 300/500 V
- 4.2. Test Voltage : 2.0 kV
- 4.3. Conductor Resistance : In acc. to IEC 60228
- 4.4. Spec. Insulation Res. :  $> 20 \text{ G}\Omega \times \text{cm}$
- 4.5. Min. Bending Radius : 12 x cable diameter (fixed installation)
- 4.6. Temperature Range :  $-20^\circ\text{C}$  to  $+70^\circ\text{C}$
- 4.7. Flame Retardant : In acc. to IEC 60332-1-2
- 4.8. EU Directive : 2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS)
- 4.9. CE Mark : Yes

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## 5. Dimensional Data

Part No. for Grey Outer Sheath	Part No. for Black Outer Sheath	No. of core and conductor cross-section mm <sup>2</sup>	Laying Direction -	Approx. Cable OD mm	Approx. Cable Wt. kg/km
3803702	3803702B	2x0.5	S	5.6	41.2
3803703	3803703B	3G0.5	S	5.8	48.8
3803704	3803704B	4G0.5	S	6.2	58.8
3803705	3803705B	5G0.5	S	6.9	72.0
3803706	3803706B	7G0.5	S	7.4	87.6
3803707	3803707B	10G0.5	Z+S	9.3	131.1
3803708	3803708B	12G0.5	Z+S	9.5	138.8
3803709	3803709B	16G0.5	Z+S	10.6	177.7
3803710	3803710B	18G0.5	Z+S	11.1	196.8
3803711	3803711B	21G0.5	Z+S	11.8	222.6
3803712	3803712B	25G0.5	S+Z+S	13.3	270.4
3803740	3803740B	2x0.75	S	6.0	50.7
3803741	3803741B	3G0.75	S	6.2	59.8
3803742	3803742B	4G0.75	S	6.7	72.7
3803743	3803743B	5G0.75	S	7.5	89.3
3803744	3803744B	7G0.75	S	8.0	109.8
3803745	3803745B	10G0.75	Z+S	10.1	163.7
3803810	3803810B	12G0.75	Z+S	10.4	174.9
3803746	3803746B	16G0.75	Z+S	11.6	225.3
3803811	3803811B	18G0.75	Z+S	12.1	251.2
3803747	3803747B	21G0.75	Z+S	12.9	285.7
3803748	3803748B	25G0.75	S+Z+S	14.7	351.7
3803750	3803750B	2x1	S	6.4	56.5
3803751	3803751B	3G1	S	6.7	69.4
3803752	3803752B	4G1	S	7.2	85.0
3803753	3803753B	5G1	S	8.0	107.0
3803754	3803754B	7G1	S	8.6	132.5
3803755	3803755B	10G1	Z+S	10.9	199.6
3803815	3803815B	12G1	Z+S	11.2	212.2
3803756	3803756B	16G1	Z+S	12.5	275.2
3803816	3803816B	18G1	Z+S	13.1	304.3
3803757	3803757B	21G1	Z+S	14.2	355.5
3803758	3803758B	25G1	S+Z+S	16.2	443.2

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3803760	3803760B	2x1.5	S	6.8	67.6
3803761	3803761B	3G1.5	S	7.1	84.6
3803762	3803762B	4G1.5	S	7.9	108.0
3803763	3803763B	5G1.5	S	8.5	131.1
3803764	3803764B	7G1.5	S	9.4	169.5
3803765	3803765B	10G1.5	Z+S	11.9	249.8
3803817	3803817B	12G1.5	Z+S	12.2	271.3
3803766	3803766B	16G1.5	Z+S	13.8	358.5
3803818	3803818B	18G1.5	Z+S	14.5	396.8
3803767	3803767B	21G1.5	Z+S	15.5	457.9
3803768	3803768B	25G1.5	S+Z+S	17.2	556.1
3803770	3803770B	2x2.5	S	8.2	96.4
3803771	3803771B	3G2.5	S	8.8	130.4
3803772	3803772B	4G2.5	S	9.8	168.1
3803773	3803773B	5G2.5	S	10.8	208.6
3803774	3803774B	7G2.5	S	11.9	268.4
3803775	3803775B	10G2.5	Z+S	15.1	405.0
3803776	3803776B	18G2.5	Z+S	18.4	645.3
3803780	3803780B	2x4	S	9.8	147.3
3803781	3803781B	3G4	S	10.5	199.9
3803782	3803782B	4G4	S	11.4	252.0
3803783	3803783B	5G4	S	12.6	313.7
3803784	3803784B	7G4	S	13.9	408.1
3803787	3803787B	2x6	S	11.6	203.1
3803788	3803788B	3G6	S	12.5	277.8
3803789	3803789B	4G6	S	13.8	359.5
3803790	3803790B	5G6	S	15.2	449.3
3803791	3803791B	7G6	S	16.5	575.6
3803794	3803794B	2x10	S	14.0	307.8
3803795	3803795B	3G10	S	15.0	425.5
3803796	3803796B	4G10	S	16.7	558.4
3803797	3803797B	5G10	S	18.5	698.9

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Part No. for Grey Outer Sheath	Part No. for Black Outer Sheath	No. of core and conductor cross-section mm <sup>2</sup>	Laying Direction -	Approx. Cable OD mm	Approx. Cable Wt. kg/km
3803800	3803800B	2x16	S	16.6	459.6
3803801	3803801B	3G16	S	17.9	638.1
3803802	3803802B	4G16	S	19.8	840.6
3803803	3803803B	5G16	S	21.9	1044.3
3803806	3803806B	2x25	S	20.6	709.2
3803807	3803807B	3G25	S	22.1	983.1
3803808	3803808B	4G25	S	24.5	1292.5
3803809	3803809B	5G25	S	27.0	1607.8

Note: "X" denote as without GNYE core, and "G" is with GNYE core

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