



SENCONIX

CONIX®



CONIX® YSLCY SCREENED CONTROL CABLE



APPLICATION

CONIX® YSLCY screened control cable is used for flexible applications involving medium mechanical stress with free movement, without tensile load and without forced motion control in dry, moist and wet rooms. Used as a connection and control cable in machine and plant construction, in machine tools, production lines, assembly lines and conveyor belts.

CHARACTERISTIC

Nominal Voltage Rating

U₀/U 300/500V

Temperature Rating

Fixed: -20°C to +70°C

Flexing: -5°C to +70°C

*Upon Request Temperature Range

Fixed: -40°C to +105°C

Flexing: -10°C to +90°C

Minimum Bending Radius

Fixed: 6 x overall diameter

Flexing: 20 x overall diameter

Protective Conductor

G: with protective conductor GN/YE (JZ)

X: without protective conductor (OZ)

OUTSTANDING FEATURES

- Flexible
- Flame Retardant according to IEC 60332-1-2
- Space saving due to small cable diameter
- Numbering coded
- EMC-Compliant

CONSTRUCTION

- Conductor** : Bare copper wire, finely stranded acc. to IEC 60228, VDE 0295, class 5
- Insulation** : PVC
- Core Identification** : Black conductors with consecutive numbers in white digits
- Wrapper** : Nonwovens
- Braiding** : Tinned copper wire braiding
- Jacket materials** : PVC
- Jacket color** : Grey (RAL 7001)

Part no.	No. cores x cross - sec. mm²	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
15202A5N	2 x 0.5	6.4	9.4	54.2
15203A5	3 G 0.5	6.8	14.1	66.5
15203A5N	3 x 0.5	6.8	14.1	66.5
15204A5	4 G 0.5	7.4	18.8	81.1
15204A5N	4 x 0.5	7.4	18.8	81.1
15205A5	5 G 0.5	8.1	23.5	96.5
15205A5N	5 x 0.5	8.1	23.5	96.5
15207A5	7 G 0.5	8.9	32.9	121.7
15207A5N	7 x 0.5	8.9	32.9	121.7
15212A5	12 G 0.5	11.7	56.4	197.1
15212A5N	12 x 0.5	11.7	56.4	197.1
15218A5	18 G 0.5	13.8	84.6	276.8
15225A5	25 G 0.5	16.3	117.5	373.4
15202A75N	2 x 0.75	6.9	14.1	64.1
15203A75	3 G 0.75	7.3	21.2	79.8
15203A75N	3 x 0.75	7.3	21.2	79.8
15204A75	4 G 0.75	8.0	28.2	98.1
15204A75N	4 x 0.75	8.0	28.2	98.1
15205A75	5 G 0.75	8.8	35.3	117.4
15205A75N	5 x 0.75	8.8	35.3	117.4
15207A75	7 G 0.75	9.6	49.4	149.5
15207A75N	7 x 0.75	9.6	49.4	149.5
15212A75	12 G 0.75	12.7	84.6	244.2
15212A75N	12 x 0.75	12.7	84.6	244.2
15218A75	18 G 0.75	15.0	126.9	345.5
15225A75	25 G 0.75	17.7	176.3	468.2
152021N	2 x 1	7.3	18.8	73.3
152031	3 G 1	7.7	28.2	92.2
152031N	3 x 1	7.7	28.2	92.2
152041	4 G 1	8.5	37.6	114.1
152041N	4 x 1	8.5	37.6	114.1
152051	5 G 1	9.3	47.0	137.0
152051N	5 x 1	9.3	47.0	137.0

Part no.	No. cores x cross - sec. mm²	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
152071	7 G 1	10.2	65.8	175.7
152071N	7 x 1	10.2	65.8	175.7
152121	12 G 1	13.6	112.8	288.8
152121N	12 x 1	13.6	112.8	288.8
152181	18 G 1	16.0	169.2	410.8
152251	25 G 1	18.9	235.0	558.3
152021A5N	2 x 1.5	8.4	27.5	96.4
152031A5	3 G 1.5	8.9	41.3	122.9
152031A5N	3 x 1.5	8.9	41.3	122.9
152041A5	4 G 1.5	9.8	55.1	153.4
152041A5N	4 x 1.5	9.8	55.1	153.4
152051A5	5 G 1.5	10.8	68.9	185.2
152051A5N	5 x 1.5	10.8	68.9	185.2
152071A5	7 G 1.5	11.8	96.4	239.7
152071A5N	7 x 1.5	11.8	96.4	239.7
152121A5	12 G 1.5	15.8	165.3	397.6
152181A5	18 G 1.5	18.9	247.9	583.5
152251A5	25 G 1.5	22.4	344.3	794.1
152022A5N	2 x 2.5	9.9	45.9	136.3
152032A5	3 G 2.5	10.6	68.9	177.1
152032A5N	3 x 2.5	10.6	68.9	177.1
152042A5	4 G 2.5	11.7	91.8	223.1
152042A5N	4 x 2.5	11.7	91.8	223.1
152052A5	5 G 2.5	12.9	114.8	271.1
152052A5N	5 x 2.5	12.9	114.8	271.1
152072A5	7 G 2.5	14.1	160.7	354.7
152072A5N	7 x 2.5	14.1	160.7	354.7
152044	4 G 4	13.2	148.1	306.0
152054	5 G 4	14.6	185.1	373.7
152074	7 G 4	16.1	259.1	493.7
152046	4 G 6	14.9	222.1	409.9
152056	5 G 6	16.4	277.6	502.4
1520410	4 G 10	18.7	376.1	656.2
1520510	5 G 10	20.8	470.1	823.1