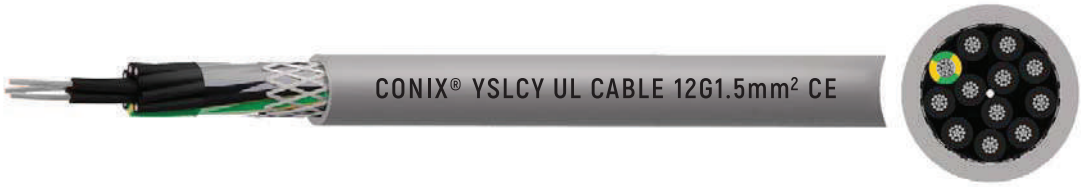
SENCONIX

CONIX®

# CONIX® YSLCY UL SCREENED CONTROL CABLE




## APPLICATION

CONIX® YSLCY UL is an approved screened control cable to be used in North America market and rest. Uniquely designed as a connecting cable for conveyors, transport systems and servo drives, it is suitable to use in a highly charged EMI environment. It is manufactured with special PVC compound to withstand extreme external environment that include hot, humid and damp conditions.

## OUTSTANDING FEATURES

- UL 2587 Approval
- Flexible
- Flame Retardant according to UL VW1, CSA FT1
- Space saving due to small cable diameter
- Numbering coded
- EMC-Compliant

## CHARACTERISTIC

**Nominal Voltage Rating**
600V UL+cUL

**Temperature Rating**
Fixed: -20°C to +90°C
Flexing: -5°C to +80°C

***Upon Request Temperature Range**
Fixed: -40°C to +90°C
Flexing: -10°C to +80°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)

## CONSTRUCTION

| | | |
|---|---|---|
| **Conductor** | : | Tinned 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. |
|---|---|---|---|---|
| 15602A5N | 2 x 0.5 | 6.4 | 9.4 | 54.2 |
| 15603A5 | 3 G 0.5 | 6.8 | 14.1 | 66.5 |
| 15603A5N | 3 x 0.5 | 6.8 | 14.1 | 66.5 |
| 15604A5 | 4 G 0.5 | 7.4 | 18.8 | 81.1 |
| 15604A5N | 4 x 0.5 | 7.4 | 18.8 | 81.1 |
| 15605A5 | 5 G 0.5 | 8.1 | 23.5 | 96.5 |
| 15605A5N | 5 x 0.5 | 8.1 | 23.5 | 96.5 |
| 15607A5 | 7 G 0.5 | 8.9 | 32.9 | 121.7 |
| 15607A5N | 7 x 0.5 | 8.9 | 32.9 | 121.7 |
| 15612A5 | 12 G 0.5 | 11.7 | 56.4 | 197.1 |
| 15612A5N | 12 x 0.5 | 11.7 | 56.4 | 197.1 |
| 15618A5 | 18 G 0.5 | 13.8 | 84.6 | 276.8 |
| 15625A5 | 25 G 0.5 | 16.3 | 117.5 | 373.4 |
| 15602A75N | 2 x 0.75 | 6.9 | 14.1 | 64.1 |
| 15603A75 | 3 G 0.75 | 7.3 | 21.2 | 79.8 |
| 15603A75N | 3 x 0.75 | 7.3 | 21.2 | 79.8 |
| 15604A75 | 4 G 0.75 | 8.0 | 28.2 | 98.1 |
| 15604A75N | 4 x 0.75 | 8.0 | 28.2 | 98.1 |
| 15605A75 | 5 G 0.75 | 8.8 | 35.3 | 117.4 |
| 15605A75N | 5 x 0.75 | 8.8 | 35.3 | 117.4 |
| 15607A75 | 7 G 0.75 | 9.6 | 49.4 | 149.5 |
| 15607A75N | 7 x 0.75 | 9.6 | 49.4 | 149.5 |
| 15612A75 | 12 G 0.75 | 12.7 | 84.6 | 244.2 |
| 15612A75N | 12 x 0.75 | 12.7 | 84.6 | 244.2 |
| 15618A75 | 18 G 0.75 | 15.0 | 126.9 | 345.5 |
| 15625A75 | 25 G 0.75 | 17.7 | 176.3 | 468.2 |
| 156021N | 2 x 1 | 7.3 | 18.8 | 73.3 |
| 156031 | 3 G 1 | 7.7 | 28.2 | 92.2 |
| 156031N | 3 x 1 | 7.7 | 28.2 | 92.2 |
| 156041 | 4 G 1 | 8.5 | 37.6 | 114.1 |
| 156041N | 4 x 1 | 8.5 | 37.6 | 114.1 |
| 156051 | 5 G 1 | 9.3 | 47.0 | 137.0 |
| 156051N | 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. |
|---|---|---|---|---|
| 156071 | 7 G 1 | 10.2 | 65.8 | 175.7 |
| 156071N | 7 x 1 | 10.2 | 65.8 | 175.7 |
| 156121 | 12 G 1 | 13.6 | 112.8 | 288.8 |
| 156121N | 12 x 1 | 13.6 | 112.8 | 288.8 |
| 156181 | 18 G 1 | 16.0 | 169.2 | 410.8 |
| 156251 | 25 G 1 | 18.9 | 235.0 | 558.3 |
| 156021A5N | 2 x 1.5 | 8.9 | 27.5 | 103.7 |
| 156031A5 | 3 G 1.5 | 9.4 | 41.3 | 132.3 |
| 156031A5N | 3 x 1.5 | 9.4 | 41.3 | 132.3 |
| 156041A5 | 4 G 1.5 | 10.4 | 55.1 | 165.1 |
| 156041A5N | 4 X 1.5 | 10.4 | 55.1 | 165.1 |
| 156051A5 | 5 G 1.5 | 11.4 | 68.9 | 199.5 |
| 156051A5N | 5 x 1.5 | 11.4 | 68.9 | 199.5 |
| 156071A5 | 7 G 1.5 | 12.5 | 96.4 | 258.2 |
| 156071A5N | 7 x 1.5 | 12.5 | 96.4 | 258.2 |
| 156121A5 | 12 G 1.5 | 16.8 | 165.3 | 429.1 |
| 156181A5 | 18 G 1.5 | 20.1 | 247.9 | 629.7 |
| 156251A5 | 25 G 1.5 | 23.8 | 344.3 | 857.5 |
| 156022A5N | 2 x 2.5 | 9.9 | 45.9 | 136.3 |
| 156032A5 | 3 G 2.5 | 10.6 | 68.9 | 177.1 |
| 156032A5N | 3 x 2.5 | 10.6 | 68.9 | 177.1 |
| 156042A5 | 4 G 2.5 | 11.7 | 91.8 | 223.1 |
| 156042A5N | 4 x 2.5 | 11.7 | 91.8 | 223.1 |
| 156052A5 | 5 G 2.5 | 12.9 | 114.8 | 271.1 |
| 156052A5N | 5 x 2.5 | 12.9 | 114.8 | 271.1 |
| 156072A5 | 7 G 2.5 | 14.1 | 160.7 | 354.7 |
| 156072A5N | 7 x 2.5 | 14.1 | 160.7 | 354.7 |
| 156044 | 4 G 4 | 13.2 | 148.1 | 306.0 |
| 156054 | 5 G 4 | 14.6 | 185.1 | 373.7 |
| 156074 | 7 G 4 | 16.1 | 259.1 | 493.7 |
| 156046 | 4 G 6 | 14.9 | 222.1 | 409.9 |
| 156056 | 5 G 6 | 16.4 | 277.6 | 502.4 |
| 1560410 | 4 G 10 | 18.7 | 376.1 | 656.2 |
| 1560510 | 5 G 10 | 20.8 | 470.1 | 823.1 |



Photographs are not to scale and do not represent detailed images of the respective products.
– Other sizes upon request with MOQ required