

### Product Description



### Application range

- Wiring of devices, machines and plants intended for export to the North American market or countries in which largely UL-/CSA approved cables are used.

### Design

- Structure as for basic types LiYY, LiYCY and LiYCY (TP)
- Stranded, tin plated copper conductor
- Tinned copper screen braid
- Core insulation: Based on PVC, multi-coloured according to colour code DIN 47100, outer sheath PVC compound, outer sheath dark grey (chrome)

### Product features

- Colour coded in accordance with DIN 47100
- Flame retardant acc. IEC 60332-1-2 & CSA FT1



Technical Data

Approvals

UL AWM Style 2464

CSA AWM I/II A

Peak working voltage

(not for power applications) 300 V

Minimum bending radius

Flexing: 15 x outer diameter

Range of temperature

Fixed installation: -40°C up to +80°C

Flexing: -5°C up to +70°C

Article List

Part number	Number of cores and AWG per conductor	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
UNITRONIC® LiYCY A					
0044602	2 x AWG26/7	2 x 0,14	4.3	15.6	29.5
0044604	4 x AWG26/7	4 x 0,14	4.7	18.0	33
0044652	2 x AWG24/7	2 x 0,23	4.7	17.6	36.1
0044655	5 x AWG24/7	5 x 0,23	5.5	28.5	51
0044658	8 x AWG24/7	8 x 0,23	6.4	31.1	72.2
0044662	12 x AWG24/7	12 x 0,23	7.3	51.8	96
0044702	2 x AWG22/7	2 x 0,34	5.5	17.6	32
0044703	3 x AWG22/7	3 x 0,34	5.7	21.2	36
0044704	4 x AWG22/7	4 x 0,34	6.1	27.3	44
0044705	5 x AWG22/7	5 x 0,34	6.6	30.8	53
0044707	7 x AWG22/7	7 x 0,34	7.1	46.4	71
0044712	12 x AWG22/7	12 x 0,34	8.9	66.8	120
0044716	16 x AWG22/7	16 x 0,34	9.8	83.9	145
0044721	21 x AWG22/7	21 x 0,34	11.3	109.4	170
0044732	2 x AWG20/7	2 x 0,5	6.0	24.4	41
0044733	3 x AWG20/7	3 x 0,5	6.3	29.9	47
0044735	5 x AWG20/7	5 x 0,5	7.3	49.2	72
0044738	8 x AWG20/7	8 x 0,5	8.5	70.8	102
0044850	7 x AWG18/19	7 x 1	8.9	93.2	160.8
0044851	10 x AWG18/19	10 x 1	11.5	130.9	200
0044912	12 x AWG16/19	12 x 1,5	13.7	248.6	375

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.



Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil 152 m; Drum 305 m

Photographs are not to scale and do not represent detailed images of the respective products.