

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
- 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 ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
UNITRONIC® LiYY A					
0022403	3 x AWG26/7	3 x 0,14	3.8	4.2	19.7
0022404	4 x AWG26/7	4 x 0,14	4.0	5.6	23
0022405	5 x AWG26/7	5 x 0,14	4.3	7.0	25
0022408	8 x AWG26/7	8 x 0,14	5.1	11.2	34
0022412	12 x AWG26/7	12 x 0,14	5.7	16.8	47
0022416	16 x AWG26/7	16 x 0,14	6.3	22.4	58
0022421	21 x AWG26/7	21 x 0,14	7.1	29.4	63
0022502	2 x AWG24/7	2 x 0,23	4.0	4.6	26.2
0022505	5 x AWG24/7	5 x 0,23	4.8	11.3	39.4
0022508	8 x AWG24/7	8 x 0,23	5.7	16.5	52.5
0022512	12 x AWG24/7	12 x 0,23	6.6	27.6	72.2
0022602	2 x AWG22/7	2 x 0,34	4.8	6.8	32.8
0022603	3 x AWG22/7	3 x 0,34	5.0	10.5	35
0022604	4 x AWG22/7	4 x 0,34	5.4	14.0	45.9
0022605	5 x AWG22/7	5 x 0,34	5.9	17.5	55.8
0022607	7 x AWG22/7	7 x 0,34	6.4	23.3	68.9
0022608	8 x AWG22/7	8 x 0,34	7.0	28.0	75.5
0022612	12 x AWG22/7	12 x 0,34	8.5	42.0	103
0022616	16 x AWG22/7	16 x 0,34	9.5	56.0	131.2
0022624	24 x AWG22/7	24 x 0,34	11.3	84.0	190
0022632	2 x AWG20/7	2 x 0,5	5.3	11.2	29
0022642	2 x AWG19/19	2 x 0,75	5.9	15.0	48

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

Packaging size: Coil 152 m; Drum 305 m

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