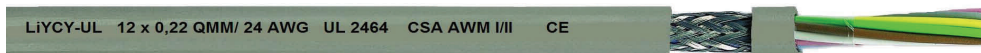


## LiYCY-UL Shielded UL/CSA/CE



**LiYCY-UL** is a UL/CSA/CE approved, flexible, overall shielded, PVC multi-conductor European data transmission cable. For use in flexible or stationary applications under low mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used as control and signal cables in the electronics of computers systems, electronic control equipment, office machines and measurement devices in tool making, machine manufacturing, conveyor systems and production lines. **LiYCY-UL** can be found in industrial plants, air conditioning units and in steel production facilities. The tinned copper braid shield offers better protection against electrical interference. Not permitted for outdoor use.



### Construction:

- Fine tinned copper strands
- Strands to ASTM-B 174-95 & ASTM-B 286
- Special PVC core insulation, class 43
- Semi-rigid to UL1581 table 50.182 & 50.183
- DIN47100 color code - without repetition
- Plastic foil separator
- 85% tinned copper braid
- Special PVC outer jacket - gray/dark gray
- Outer jacket to UL1581 table 50.182
- **Semi oil & chemical resistant**

### Technical:

- Working voltage: 300 volts
- Test voltage: 1500 volts
- Flexing bending radius: 20.0 x Ø
- Static bending radius: 10.0 x Ø
- Flexing temp: -5° C to +80° C
- Static temp: -20° C to +80° C
- Flame retardant: IEC 60332.1, VW-1, FT1
- Insulation resistance: 20 MΩ x km

### Approvals:

- UL Style 2464, UL VW-1
- 26-20 AWG to UL1061/1729
- 18-16 AWG to UL1007/1569
- CSA AWM I/II A/B, FT1
- CE low voltage directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>26 AWG (7/34) 0,14mm2</b>				
5512602	2	0.161" / 4.1mm	8	13
5512603	3	0.169" / 4.3mm	9	17
5512604	4	0.177" / 4.5mm	10	19
5512606	6	0.201" / 5.1mm	12	20
5512610	10	0.240" / 6.1mm	19	34
5512612	12	0.248" / 6.3mm	21	36
5512616	16	0.268" / 6.8mm	29	40
5512618	18	0.276" / 7.0mm	35	47
5512624	24	0.319" / 8.1mm	42	67
5512627	27	0.327" / 8.3mm	44	70
5512630	30	0.339" / 8.6mm	48	74
<b>24 AWG (7/32) 0,22mm2</b>				
5512402	2	0.169" / 4.3mm	11	17
5512403	3	0.177" / 4.5mm	13	24
5512404	4	0.189" / 4.8mm	15	27
5512405	5	0.196" / 5.0mm	18	34
5512406	6	0.213" / 5.4mm	21	37
5512408	8	0.232" / 5.9mm	26	40
5512410	10	0.256" / 6.5mm	34	44
5512412	12	0.264" / 6.7mm	40	51
5512416	16	0.291" / 7.4mm	46	60
5512418	18	0.303" / 7.7mm	53	83
5512424	24	0.346" / 8.8mm	65	92
5512427	27	0.354" / 9.0mm	82	107
5512430	30	0.366" / 9.3mm	89	114
<b>22 AWG (7/30) 0,34mm2</b>				
5512202	2	0.185" / 4.7mm	12	27
5512203	3	0.193" / 4.9mm	15	34
5512204	4	0.217" / 5.5mm	19	40
5512205	5	0.236" / 6.0mm	26	48
5512206	6	0.236" / 6.6mm	30	54
5512208	8	0.236" / 7.1mm	36	69
5512210	10	0.291" / 7.4mm	42	87
5512212	12	0.299" / 7.6mm	47	94

Sizes continued on next page.

## LiYCY-UL Shielded UL/CSA/CE



### LiYCY-UL Sizes Continued. (22 AWG & Larger )

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>22 AWG (7/30) 0,34mm<sup>2</sup> Cont.</b>				
5512216	16	0.327" / 8.3mm	59	107
5512218	18	0.343" / 8.7mm	70	114
5512221	21	0.394" / 9.6mm	78	129
5512224	24	0.394" / 10.0mm	87	148
5512227	27	0.402" / 10.2mm	93	168
5512230	30	0.413" / 10.5mm	107	191
<b>20 AWG (7/28) 0,56mm<sup>2</sup></b>				
5512002	2	0.201" / 5.1mm	19	34
5512003	3	0.209" / 5.3mm	26	37
5512004	4	0.220" / 5.6mm	31	41
5512005	5	0.240" / 6.1mm	37	52
5512006	6	0.256" / 6.5mm	44	60
5512008	8	0.307" / 7.8mm	56	75
5512010	10	0.323" / 8.2mm	62	89
5512012	12	0.331" / 8.4mm	78	101
5512016	16	0.366" / 9.3mm	87	127
5512018	18	0.382" / 9.7mm	101	145
5512024	24	0.445" / 11.3mm	159	227
5512027	27	0.453" / 11.5mm	172	251
5512030	30	0.484" / 12.3mm	199	266
<b>18 AWG (19/30) 0,83mm<sup>2</sup></b>				
5511802	2	0.256" / 6.5mm	26	40
5511803	3	0.268" / 6.8mm	34	50
5511804	4	0.291" / 7.4mm	40	60
5511806	6	0.346" / 8.8mm	60	84
5511807	7	0.374" / 9.5mm	80	104
5511810	10	0.429" / 10.9mm	95	121
5511812	12	0.441" / 11.2mm	102	148
5511816	16	0.508" / 12.9mm	123	195
5511818	18	0.531" / 13.5mm	139	201
5511824	24	0.614" / 15.6mm	182	302
5511827	27	0.626" / 15.9mm	194	315
5511830	30	0.654" / 16.6mm	213	329
<b>16 AWG (19/29) 1,31mm<sup>2</sup></b>				
5511602	2	0.276" / 7.0mm	40	60
5511603	3	0.291" / 7.4mm	50	107
5511604	4	0.319" / 8.1mm	64	134
5511606	6	0.374" / 9.5mm	92	195
5511610	10	0.488" / 12.4mm	128	302
5511612	12	0.504" / 12.8mm	168	402
5511616	16	0.575" / 14.6mm	185	436
5511618	18	0.610" / 15.5mm	244	456
5511624	24	0.713" / 18.1mm	296	604
5511627	27	0.736" / 18.7mm	331	664
5511630	30	0.768" / 19.5mm	349	704

\* Additional sizes may be available.