

# LiY(St)CY SHIELDED COMPUTER & CONTROL CABLES

## MULTI-CORE



### • Construction

- Multi wire tinned copper conductor.
- Insulation S-R PVC.  
Colour codes according to DIN 47100.
- Cores twisted in layers.
- Plastic laminated aluminium foil shield.
- Tinned copper braid shield.  
Coverage min.%65
- Grey PVC sheath.

### • Application

It is used in anywhere that particularly requires shielded cable such as computer system, electronic control and regulation gears, office machines and measurement devices, audio transmission lines.

It supports sensitive transmission by external electric effects reflecting screen.  
(For EIA RS-232 and CAD/CAM applications.)

### • Technical Data

Temperature range  
flexing

- 5°C.....+70°C

static

-30°C.....+80°C

Bending radius

10 x cable diameter

### Electrical Characteristics

( at 20°C)

<u>Cross-section</u> ( AWG / mm <sup>2</sup> )	<u>Rating Voltage</u> ( V )	<u>Test Voltage</u> ( V )	<u>Conductor Resistance</u> max.( Ohm/km )	<u>Rating Current</u> max.( A )	<u>Capacity</u> 800 Hz ( pF/m )
<b>28 / 0,09</b>	300	1200	223.0	0.5	90
<b>26 / 0,14</b>	300	1200	139.7	1.5	90
<b>24 / 0,22</b>	300	1200	85.9	2.5	100
<b>22 / 0.34</b>	300	1200	54.8	4.5	100
<b>20 / 0.56</b>	300	1200	34.1	6.0	110

**Insulation resistance** ; min. 20MΩ x km

<b>Code no.</b>	<b>Cross-section</b>	<b>Overall diameter</b>	<b>Approx. weight</b>	<b>Standard length</b>
	mm <sup>2</sup>	mm.Ø	kg/km	mt
<b>28 AWG Stranded 7/36</b>				
				(7x0,127 mm.Ø)
31622102	2x0,09	3,7	18	100/5000
31622103	3x0,09	3,8	19	100/5000
31622104	4x0,09	4,1	23	100/3000
31622105	5x0,09	4,2	25	100/3000
31622106	6x0,09	4,7	29	100/3000
31622108	8x0,09	5,1	35	100/2000
31622110	10x0,09	5,6	43	100/2000
31622112	12x0,09	6,0	48	100/2000
31622116	16x0,09	6,5	58	100/1000
31622118	18x0,09	6,8	64	100/1000
31622125	25x0,09	7,7	81	100/1000
<b>26 AWG Stranded 7/34</b>				
				(7x0,16 mm.Ø)
31622202	2x0,14	3,9	20	100/5000
31622203	3x0,14	4,0	22	100/5000
31622204	4x0,14	4,3	26	100/3000
31622205	5x0,14	4,6	31	100/3000
31622206	6x0,14	5,1	37	100/2000
31622208	8x0,14	5,7	46	100/2000
31622210	10x0,14	6,0	52	100/2000
31622212	12x0,14	6,5	60	100/1000
31622216	16x0,14	7,0	72	100/1000
31622218	18x0,14	7,4	80	100/1000
31622225	25x0,14	8,6	106	100/500
<b>24 AWG Stranded 7/32</b>				
				(7x0,20 mm.Ø)
31622302	2x0,22	4,5	25	100/3000
31622303	3x0,22	4,6	28	100/3000
31622304	4x0,22	5,0	34	100/2000
31622305	5x0,22	5,2	38	100/2000
31622306	6x0,22	5,7	44	100/2000
31622308	8x0,22	6,5	56	100/1000
31622310	10x0,22	6,8	62	100/1000
31622312	12x0,22	7,4	72	100/1000
31622316	16x0,22	8,0	86	100/1000
31622318	18x0,22	8,4	96	100/500
31622325	25x0,22	10,0	133	100/500
<b>22 AWG Stranded 7/30</b>				
				(7x0,25 mm.Ø)
31622402	2x0,34	4,8	32	100/3000
31622403	3x0,34	5,0	37	100/2000
31622404	4x0,34	5,4	44	100/2000
31622405	5x0,34	5,9	54	100/2000
31622406	6x0,34	6,4	63	100/1000
31622408	8x0,34	7,0	77	100/1000
31622410	10x0,34	7,4	87	100/1000
31622412	12x0,34	8,0	101	100/1000
31622416	16x0,34	8,8	125	100/500
31622418	18x0,34	9,2	138	100/500
31622425	25x0,34	10,8	186	100/500
<b>20 AWG Stranded 7/28</b>				
				(7x0,32 mm.Ø)
31622502	2x0,56	5,3	40	100/2000
31622503	3x0,56	5,7	51	100/2000
31622504	4x0,56	6,1	59	100/1000
31622505	5x0,56	6,4	69	100/1000
31622506	6x0,56	7,1	83	100/1000
31622508	8x0,56	7,8	102	100/1000
31622510	10x0,56	8,2	117	100/1000
31622512	12x0,56	8,8	133	100/500
31622516	16x0,56	9,7	168	100/500
31622518	18x0,56	10,6	199	100/500
31622525	25x0,56	12,4	265	100/500