

# LiY(St)Y 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 aluminum foil.
- Tinned copper drain wire.
- 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.  
(For EIA RS-232 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 )
28 / 0,09	300	1200	223.0	0.5	90
26 / 0,14	300	1200	139.7	1.5	90
24 / 0,22	300	1200	85.9	2.5	100
22 / 0.34	300	1200	54.8	4.5	100
20 / 0.56	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)
31607102	2x0,09	3,6	15	100/5000
31607103	3x0,09	3,7	17	100/5000
31607104	4x0,09	4,0	20	100/3000
31607105	5x0,09	4,1	22	100/3000
31607106	6x0,09	4,5	26	100/3000
31607108	8x0,09	4,9	31	100/3000
31607110	10x0,09	5,1	34	100/2000
31607112	12x0,09	5,5	39	100/2000
31607116	16x0,09	6,0	47	100/2000
31607118	18x0,09	6,3	52	100/1000
31607125	25x0,09	7,2	67	100/1000
<b>26 AWG Stranded 7/34</b>				
				(7x0,16 mm.Ø)
31607202	2x0,14	3,8	18	100/5000
31607203	3x0,14	3,9	21	100/5000
31607204	4x0,14	4,2	24	100/3000
31607205	5x0,14	4,4	27	100/3000
31607206	6x0,14	4,8	31	100/3000
31607208	8x0,14	5,3	39	100/2000
31607210	10x0,14	5,5	43	100/2000
31607212	12x0,14	6,0	50	100/2000
31607216	16x0,14	6,5	60	100/1000
31607218	18x0,14	6,8	65	100/1000
31607225	25x0,14	7,9	87	100/1000
<b>24 AWG Stranded 7/32</b>				
				(7x0,20 mm.Ø)
31607302	2x0,22	4,2	22	100/3000
31607303	3x0,22	4,4	27	100/3000
31607304	4x0,22	4,8	32	100/3000
31607305	5x0,22	5,0	36	100/2000
31607306	6x0,22	5,5	42	100/2000
31607308	8x0,22	6,0	50	100/2000
31607310	10x0,22	6,3	58	100/1000
31607312	12x0,22	6,8	67	100/1000
31607316	16x0,22	7,5	83	100/1000
31607318	18x0,22	7,9	92	100/1000
31607325	25x0,22	9,3	125	100/500
<b>22 AWG Stranded 7/30</b>				
				(7x0,25 mm.Ø)
31607402	2x0,34	4,6	28	100/3000
31607403	3x0,34	4,8	33	100/3000
31607404	4x0,34	5,1	39	100/2000
31607405	5x0,34	5,4	45	100/2000
31607406	6x0,34	5,9	52	100/2000
31607408	8x0,34	6,5	64	100/1000
31607410	10x0,34	6,9	75	100/1000
31607412	12x0,34	7,5	87	100/1000
31607416	16x0,34	8,3	110	100/500
31607418	18x0,34	8,7	122	100/500
31607425	25x0,34	10,3	166	100/500
<b>20 AWG Stranded 7/28</b>				
				(7x0,32 mm.Ø)
31607502	2x0,56	5,0	37	100/2000
31607503	3x0,56	5,2	45	100/2000
31607504	4x0,56	5,6	54	100/2000
31607505	5x0,56	5,9	62	100/2000
31607506	6x0,56	6,5	71	100/1000
31607508	8x0,56	7,2	88	100/1000
31607510	10x0,56	7,6	104	100/1000
31607512	12x0,56	8,3	122	100/500
31607516	16x0,56	9,2	154	100/500
31607518	18x0,56	9,9	176	100/500
31607525	25x0,56	11,7	239	100/500