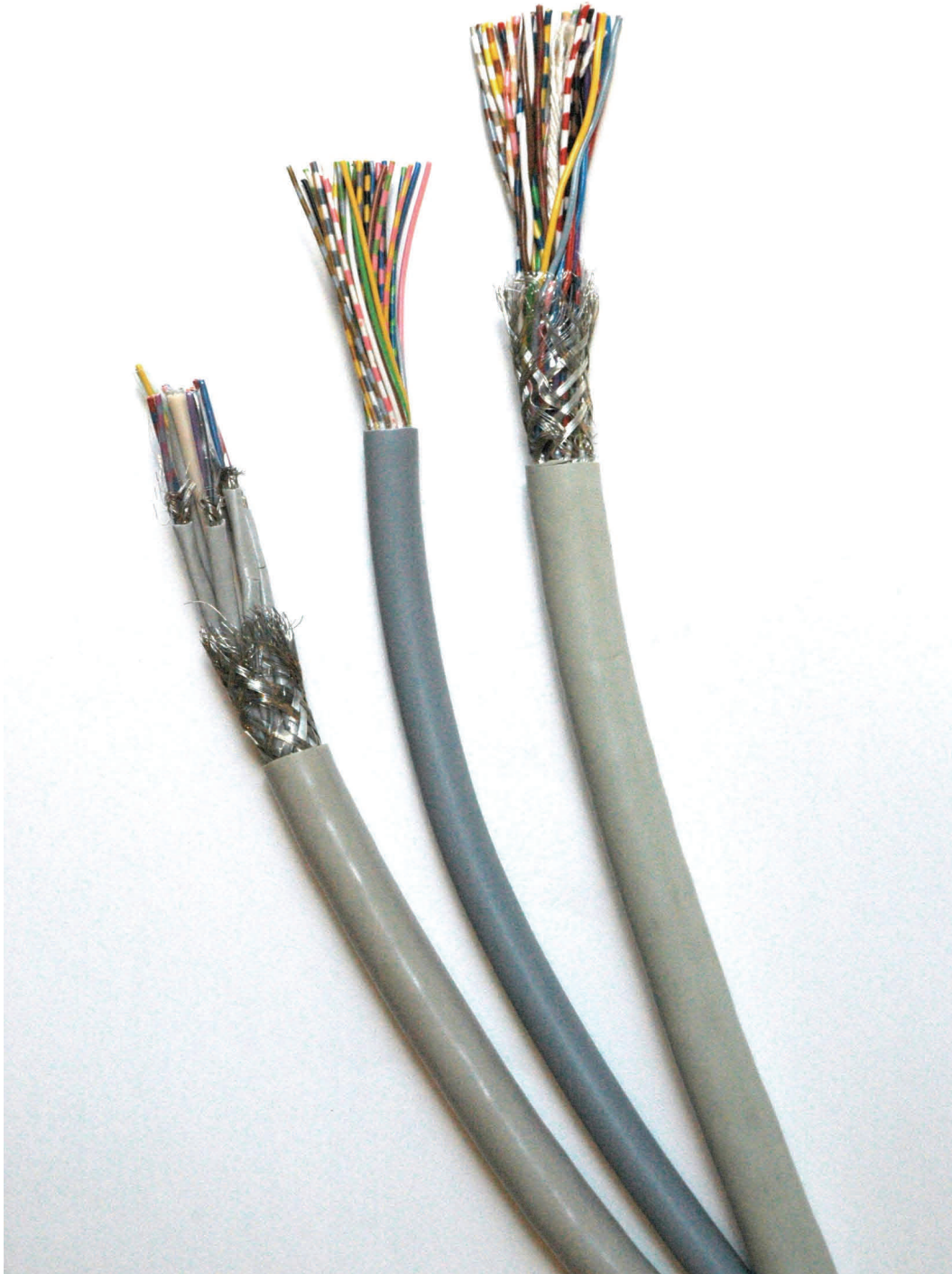


Electronic & Data Cables



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LiYY PVC Data Cable



LiYY is a VDE approved, flexible 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 the tool making and machine industries. LiYY is recommended when a small outer diameter is required. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Special PVC core insulation
- Color code DIN47100 - without color repetition
- PVC outer jacket - gray (RAL 7001)
- **Extremely oil resistant**

Technical:

- Working voltage: 350/500 volts
- Test voltage: 1200/2000 volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0245 & 0812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5002602	2	0.126" / 3.2mm	2	9
5002603	3	0.126" / 3.2mm	3	11
5002604	4	0.138" / 3.5mm	3	13
5002605	5	0.157" / 4.0mm	4	15
5002606	6	0.169" / 4.3mm	5	17
5002607	7	0.169" / 4.3mm	6	19
5002608	8	0.181" / 4.6mm	7	23
5002610	10	0.209" / 5.3mm	9	28
5002612	12	0.220" / 5.6mm	11	32
5002614	14	0.232" / 5.9mm	13	36
5002616	16	0.244" / 6.2mm	15	40
5002618	18	0.256" / 6.5mm	16	44
5002620	20	0.256" / 6.5mm	18	47
5002621	21	0.268" / 6.8mm	19	52
5002624	24	0.299" / 7.6mm	21	58
5002625	25	0.299" / 7.6mm	22	61
5002627	27	0.303" / 7.7mm	24	65
5002630	30	0.315" / 8.0mm	27	72
5002632	32	0.323" / 8.2mm	29	76
5002636	36	0.343" / 8.7mm	32	85
5002640	40	0.374" / 9.5mm	36	93
5002642	42	0.386" / 9.8mm	38	98
5002644	44	0.406" / 10.3mm	40	103
5002648	48	0.409" / 10.4mm	44	110
5002650	50	0.413" / 10.5mm	46	113
5002652	52	0.421" / 10.7mm	47	116
5002656	56	0.433" / 11.0mm	50	125
5002661	61	0.445" / 11.3mm	55	137
5002680	80	0.610" / 15.5mm	72	188
5002600	100	0.713" / 18.1mm	91	248
24 AWG (14/34) 0,25mm²				
5002402	2	0.150" / 3.8mm	3	12
5002403	3	0.154" / 3.9mm	5	15
5002404	4	0.169" / 4.3mm	7	17
5002405	5	0.189" / 4.8mm	8	20
5002406	6	0.205" / 5.2mm	9	24
5002407	7	0.205" / 5.2mm	11	28
5002408	8	0.224" / 5.7mm	13	33

Sizes continued on next page.

LiYY PVC Data Cable



LiYY Sizes Continued. (24, 22 & 20 AWG)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,25mm2 Cont.				
5002410	10	0.252" / 6.4mm	16	38
5002412	12	0.264" / 6.7mm	19	44
5002414	14	0.280" / 7.1mm	22	50
5002416	16	0.295" / 7.5mm	26	56
5002418	18	0.311" / 7.9mm	29	62
5002420	20	0.358" / 9.1mm	32	70
5002421	21	0.366" / 9.3mm	34	72
5002424	24	0.386" / 9.8mm	40	80
5002425	25	0.390" / 9.9mm	41	89
5002427	27	0.398" / 10.1mm	44	94
5002430	30	0.406" / 10.3mm	48	105
5002432	32	0.413" / 10.5mm	52	110
5002436	36	0.437" / 11.1mm	58	122
5002440	40	0.453" / 11.5mm	64	134
5002442	42	0.465" / 11.8mm	68	142
5002444	44	0.496" / 12.6mm	71	151
5002448	48	0.500" / 12.7mm	77	164
5002450	50	0.508" / 12.9mm	80	172
5002452	52	0.535" / 13.6mm	84	176
5002456	56	0.551" / 14.0mm	90	188
5002461	61	0.567" / 14.4mm	98	205
5002480	80	0.772" / 19.6mm	129	302
5002400	100	0.909" / 23.1mm	161	396
22 AWG (7/30) 0,34mm2				
5002202	2	0.165" / 4.2mm	4	15
5002203	3	0.173" / 4.4mm	7	20
5002204	4	0.193" / 4.9mm	9	29
5002205	5	0.209" / 5.3mm	11	36
5002206	6	0.228" / 5.8mm	13	39
5002207	7	0.232" / 5.9mm	15	41
5002208	8	0.248" / 6.3mm	17	49
5002210	10	0.283" / 7.2mm	21	55
5002212	12	0.299" / 7.6mm	26	68
5002214	14	0.315" / 8.0mm	30	72
5002216	16	0.331" / 8.4mm	35	85
5002218	18	0.350" / 8.9mm	40	96
5002220	20	0.386" / 9.8mm	44	107
5002221	21	0.386" / 9.8mm	46	111
5002224	24	0.433" / 11.0mm	52	125
5002225	25	0.441" / 11.2mm	55	129
5002227	27	0.449" / 11.4mm	59	138
5002230	30	0.457" / 11.6mm	66	152
5002232	32	0.469" / 11.9mm	70	164
5002236	36	0.496" / 12.6mm	79	191
5002240	40	0.531" / 13.5mm	88	213
5002242	42	0.551" / 14.0mm	92	221
5002244	44	0.579" / 14.7mm	97	248
5002248	48	0.587" / 14.9mm	105	272
5002250	50	0.594" / 15.1mm	109	273
5002252	52	0.602" / 15.3mm	114	288
5002261	61	0.638" / 16.2mm	133	409
5002280	80	0.866" / 22.0mm	177	590
5002200	100	1.000" / 25.4mm	219	704
20 AWG (16/32) 0,50mm2				
5002002	2	0.189" / 4.8mm	7	27
5002003	3	0.201" / 5.1mm	9	31
5002004	4	0.224" / 5.7mm	13	37
5002005	5	0.244" / 6.2mm	16	43
5002006	6	0.264" / 6.7mm	19	49
5002007	7	0.291" / 7.4mm	22	54

Sizes continued on next page.

LiYY PVC Data Cable



LiYY Sizes Continued. (20 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
20 AWG (16/32) 0,50mm2 Cont.				
5002008	8	0.315" / 8.0mm	25	65
5002010	10	0.346" / 8.8mm	32	78
5002012	12	0.358" / 9.1mm	38	91
5002014	14	0.386" / 9.8mm	45	102
5002016	16	0.394" / 10.0mm	51	113
5002018	18	0.425" / 10.8mm	58	126
5002020	20	0.441" / 11.2mm	64	143
5002021	21	0.449" / 11.4mm	67	158
5002024	24	0.484" / 12.3mm	77	162
5002025	25	0.528" / 13.4mm	82	164
5002027	27	0.547" / 13.9mm	87	170
5002030	30	0.567" / 14.4mm	97	179
5002032	32	0.594" / 15.1mm	103	195
5002036	36	0.618" / 15.7mm	115	211
5002040	40	0.677" / 17.2mm	129	231
5002044	44	0.728" / 18.5mm	142	263
5002050	50	0.764" / 19.4mm	161	295
5002052	52	0.780" / 19.8mm	167	305
5002061	61	0.819" / 20.8mm	196	360
5002080	80	0.957" / 24.3mm	258	472
5002000	100	1.165" / 29.6mm	322	590
18 AWG (24/32) 0,75mm2				
5001802	2	0.205" / 5.2mm	9	32
5001803	3	0.217" / 5.5mm	15	36
5001804	4	0.244" / 6.2mm	19	44
5001805	5	0.268" / 6.8mm	24	54
5001806	6	0.295" / 7.5mm	29	63
5001807	7	0.319" / 8.1mm	34	74
5001808	8	0.350" / 8.9mm	39	84
5001810	10	0.378" / 9.6mm	48	99
5001812	12	0.390" / 9.9mm	58	118
5001816	16	0.457" / 11.6mm	77	148
5001820	20	0.496" / 12.6mm	97	185
5001825	25	0.551" / 14.0mm	120	191
5001830	30	0.587" / 14.9mm	145	264
17 AWG (32/32) 1,00mm2				
5001702	2	0.217" / 5.5mm	13	38
5001703	3	0.236" / 6.0mm	19	48
5001705	5	0.287" / 7.3mm	24	66
16 AWG (30/30) 1,50mm2				
5001602	2	0.256" / 6.5mm	19	50
5001603	3	0.272" / 6.9mm	29	60
5001604	4	0.307" / 7.8mm	39	70

* Additional sizes may be available.

LiYCY Shielded PVC Data Cable



LiYCY is a VDE 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 the tool making and machine industries. The tinned copper braid shield offers better protection against electrical interference for precise impulse transmissions. **LiYCY** is recommended when a small outer diameter is required. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Special PVC core insulation
- Color code DIN47100 - without color repetition
- Plastic foil separator
- 85% tinned copper braid
- PVC outer jacket - gray (RAL 7001)
- **Extremely oil resistant**

Technical:

- Working voltage: 350/500 volts
- Test voltage: 1200/1500 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0245 & 0812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5012602	2	0.146" / 3.7mm	7	13
5012603	3	0.150" / 3.8mm	8	18
5012604	4	0.161" / 4.1mm	9	21
5012605	5	0.181" / 4.6mm	10	25
5012606	6	0.193" / 4.9mm	12	28
5012607	7	0.201" / 5.1mm	13	32
5012608	8	0.209" / 5.3mm	14	37
5012610	10	0.236" / 6.0mm	19	44
5012612	12	0.244" / 6.2mm	20	52
5012614	14	0.260" / 6.6mm	21	53
5012616	16	0.272" / 6.9mm	29	60
5012618	18	0.280" / 7.1mm	34	69
5012620	20	0.299" / 7.6mm	37	78
5012621	21	0.303" / 7.7mm	38	80
5012624	24	0.315" / 8.0mm	40	88
5012625	25	0.319" / 8.1mm	42	91
5012627	27	0.339" / 8.6mm	44	95
5012630	30	0.350" / 8.9mm	46	105
5012632	32	0.358" / 9.1mm	51	109
5012636	36	0.382" / 9.7mm	56	122
5012640	40	0.402" / 10.2mm	59	140
5012642	42	0.409" / 10.4mm	63	146
5012644	44	0.425" / 10.8mm	74	152
5012648	48	0.433" / 11.0mm	77	161
5012650	50	0.441" / 11.2mm	80	171
5012652	52	0.449" / 11.4mm	83	181
5012656	56	0.465" / 11.8mm	89	215
5012661	61	0.480" / 12.2mm	98	248
5012680	80	0.748" / 19.0mm	152	342
5012600	100	0.906" / 23.0mm	179	389
24 AWG (14/34) 0,25mm²				
5012402	2	0.169" / 4.3mm	10	21
5012403	3	0.177" / 4.5mm	12	24
5012404	4	0.193" / 4.9mm	15	27
5012405	5	0.209" / 5.3mm	17	34
5012406	6	0.220" / 5.6mm	21	39
5012407	7	0.228" / 5.8mm	23	43
5012408	8	0.248" / 6.3mm	28	55

Sizes continued on next page.

LiYCY Shielded PVC Data Cable



LiYCY Sizes Continued. (24, 22 & 20 AWG)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0.25mm2 Cont.				
5012410	10	0.276" / 7.0mm	34	57
5012412	12	0.287" / 7.3mm	39	60
5012414	14	0.307" / 7.8mm	42	66
5012416	16	0.323" / 8.2mm	45	74
5012418	18	0.339" / 8.6mm	52	93
5012420	20	0.358" / 9.1mm	59	98
5012421	21	0.370" / 9.4mm	61	102
5012424	24	0.402" / 10.2mm	64	105
5012425	25	0.409" / 10.4mm	68	109
5012427	27	0.421" / 10.7mm	78	113
5012430	30	0.429" / 10.9mm	87	118
5012432	32	0.433" / 11.0mm	91	127
5012436	36	0.461" / 11.7mm	97	147
5012440	40	0.476" / 12.1mm	100	166
5012442	42	0.500" / 12.7mm	104	180
5012444	44	0.516" / 13.1mm	108	196
5012448	48	0.524" / 13.3mm	110	113
5012450	50	0.539" / 13.7mm	113	206
5012452	52	0.551" / 14.0mm	117	213
5012456	56	0.567" / 14.4mm	127	230
5012461	61	0.583" / 14.8mm	137	245
5012480	80	1.004" / 25.5mm	260	322
5012400	100	1.102" / 28.0mm	339	406
22 AWG (7/30) 0.34mm2				
5012202	2	0.189" / 4.8mm	12	20
5012203	3	0.201" / 5.1mm	15	25
5012204	4	0.220" / 5.6mm	19	32
5012205	5	0.236" / 6.0mm	21	36
5012206	6	0.248" / 6.3mm	30	41
5012207	7	0.256" / 6.5mm	34	45
5012208	8	0.280" / 7.1mm	36	54
5012210	10	0.315" / 8.0mm	44	69
5012212	12	0.331" / 8.4mm	47	74
5012214	14	0.350" / 8.9mm	54	103
5012216	16	0.370" / 9.4mm	59	107
5012218	18	0.390" / 9.9mm	69	115
5012220	20	0.421" / 10.7mm	75	128
5012221	21	0.429" / 10.9mm	78	133
5012224	24	0.457" / 11.6mm	80	154
5012225	25	0.469" / 11.9mm	87	162
5012227	27	0.480" / 12.2mm	93	173
5012230	30	0.496" / 12.6mm	106	195
5012232	32	0.508" / 12.9mm	109	205
5012236	36	0.535" / 13.6mm	119	221
5012240	40	0.543" / 13.8mm	133	224
5012242	42	0.567" / 14.4mm	136	261
5012244	44	0.594" / 15.1mm	146	278
5012248	48	0.610" / 15.5mm	152	282
5012250	50	0.626" / 15.9mm	160	292
5012252	52	0.638" / 16.2mm	165	302
5012261	61	0.673" / 17.1mm	198	349
5012280	80	1.008" / 25.6mm	351	389
5012200	100	1.122" / 28.5mm	416	465
20 AWG (16/32) 0.50mm2				
5012002	2	0.213" / 5.4mm	19	30
5012003	3	0.228" / 5.8mm	26	37
5012004	4	0.252" / 6.4mm	31	41
5012005	5	0.268" / 6.8mm	35	51
5012006	6	0.291" / 7.4mm	44	60
5012007	7	0.299" / 7.6mm	46	66

Sizes continued on next page.

LiYCY Shielded PVC Data Cable



LiYCY Sizes Continued. (20 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
20 AWG (16/32) 0,50mm2 Cont.				
5012008	8	0.327" / 8.3mm	54	78
5012010	10	0.370" / 9.4mm	62	91
5012012	12	0.382" / 9.7mm	78	105
5012014	14	0.409" / 10.4mm	82	127
5012016	16	0.437" / 11.1mm	87	138
5012018	18	0.457" / 11.6mm	102	151
5012020	20	0.496" / 12.6mm	116	184
5012021	21	0.509" / 12.9mm	121	197
5012024	24	0.539" / 13.7mm	158	226
5012025	25	0.547" / 13.9mm	168	235
5012027	27	0.555" / 14.1mm	178	250
5012030	30	0.575" / 14.6mm	199	266
5012032	32	0.591" / 15.0mm	202	289
5012036	36	0.618" / 15.7mm	215	298
5012040	40	0.650" / 16.5mm	231	315
5012042	42	0.693" / 17.6mm	241	330
5012050	50	0.724" / 18.4mm	273	382
5012052	52	0.736" / 18.7mm	281	398
5012061	61	0.764" / 19.4mm	389	436
5012080	80	0.906" / 23.0mm	463	526
5012000	100	1.020" / 25.9mm	546	664
18 AWG (24/32) 0,75mm2				
5011802	2	0.244" / 6.2mm	25	40
5011803	3	0.252" / 6.4mm	34	44
5011804	4	0.276" / 7.0mm	38	52
5011805	5	0.299" / 7.6mm	47	62
5011806	6	0.327" / 8.3mm	58	76
5011807	7	0.335" / 8.5mm	64	87
5011808	8	0.362" / 9.2mm	74	97
5011810	10	0.413" / 10.5mm	94	121
5011812	12	0.429" / 10.9mm	101	135
5011814	14	0.457" / 11.6mm	112	151
5011816	16	0.484" / 12.3mm	123	184
5011818	18	0.512" / 13.0mm	139	196
5011820	20	0.551" / 14.0mm	160	243
5011825	25	0.610" / 15.5mm	186	278
5011830	30	0.630" / 16.8mm	211	326
5011836	36	0.701" / 17.8mm	248	402
5011840	40	0.823" / 20.9mm	322	456
5011850	50	0.839" / 21.3mm	357	541
17 AWG (32/32) 1,00mm2				
5011702	2	0.256" / 6.5mm	31	44
5011703	3	0.272" / 6.9mm	38	54
5011704	4	0.295" / 7.5mm	46	66
5011705	5	0.327" / 8.3mm	60	85
5011707	7	0.354" / 9.0mm	74	106
5011710	10	0.449" / 11.4mm	94	156
5011712	12	0.461" / 11.7mm	113	174
5011718	18	0.528" / 13.4mm	180	276
5011725	25	0.638" / 16.2mm	241	377
16 AWG (30/30) 1,50mm2				
5011602	2	0.295" / 7.5mm	42	59
5011603	3	0.315" / 8.0mm	51	67
5011604	4	0.343" / 8.7mm	66	85
5011605	5	0.378" / 9.6mm	78	107
5011607	7	0.421" / 10.7mm	102	140
5011612	12	0.539" / 13.7mm	170	227
5011618	18	0.642" / 16.3mm	260	337
5011625	25	0.783" / 19.9mm	339	524

* Additional sizes may be available.

LiYCY-CY Shielded PVC Data Cable



LiYCY-CY is a VDE approved, flexible, overall and individually 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 a flexible connecting cable for electronic control equipment and computers in strong interference fields. The overall and individual tinned copper braid shields offer the best protection against electrical interference for perfect and precise impulse and data transmissions. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Special PVC core insulation
- Color code DIN47100 - without color repetition
- Individual tinned copper braided cores
- PVC inner jacket over cores
- Plastic foil separator
- Overall 85% tinned copper braid
- PVC outer jacket - gray (RAL 7001/7032)
- **Extremely oil resistant**

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,25mm²				
5022402	2	0.268" / 6.8mm	24	42
5022403	3	0.283" / 7.2mm	28	48
5022404	4	0.311" / 7.9mm	34	58
5022405	5	0.335" / 8.5mm	41	69
5022407	7	0.366" / 9.3mm	52	88
20 AWG (16/32) 0,50mm²				
5022002	2	0.283" / 7.2mm	28	46
5022003	3	0.303" / 7.7mm	36	71
5022004	4	0.331" / 8.4mm	44	87
5022005	5	0.362" / 9.2mm	52	108
5022007	7	0.402" / 10.2mm	63	131

* Additional sizes may be available.

LiYY-TP PVC Multi-Pair Data Cable



LiYY-TP is a VDE approved, flexible, PVC twisted-pair 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 the tool making and machine industries. **LiYY-TP** is recommended in areas where there are short runs in tight spaces and require a small outer diameter and bending radius. The twisted pair construction reduces interference within the cable. In many applications, no additional shield is necessary. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Special PVC core insulation
- Color code DIN47100 - with color repetition
- Plastic foil separator
- PVC outer jacket - gray (RAL 7001/7032)
- **Extremely oil resistant**

Technical:

- Working voltage: 250 volts
- Test voltage: 1200 volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: -5° C to +80° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812 & 0814
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5032601	1	0.146" / 3.7mm	2	13
5032602	2	0.201" / 5.1mm	3	17
5032603	3	0.217" / 5.5mm	5	21
5032604	4	0.224" / 5.7mm	7	25
5032605	5	0.252" / 6.4mm	9	30
5032606	6	0.283" / 7.2mm	11	34
5032607	7	0.291" / 7.4mm	13	38
5032608	8	0.299" / 7.6mm	14	43
5032610	10	0.323" / 8.2mm	18	52
5032612	12	0.358" / 9.1mm	21	63
5032614	14	0.378" / 9.6mm	25	70
5032615	15	0.386" / 9.8mm	27	72
5032616	16	0.402" / 10.2mm	29	74
5032618	18	0.413" / 10.5mm	32	80
5032620	20	0.421" / 10.7mm	36	87
5032625	25	0.488" / 12.4mm	45	121
5032630	30	0.528" / 13.4mm	54	134
5032636	36	0.559" / 14.2mm	65	174
5032640	40	0.583" / 14.8mm	72	197
5032650	50	0.654" / 16.6mm	90	260
5032655	55	0.701" / 17.8mm	99	286
24 AWG (14/34) 0,25mm²				
5032401	1	0.157" / 4.0mm	3	21
5032402	2	0.213" / 5.4mm	7	25
5032403	3	0.228" / 5.8mm	10	32
5032404	4	0.252" / 6.4mm	13	39
5032405	5	0.283" / 7.2mm	17	47
5032406	6	0.315" / 8.0mm	20	54
5032407	7	0.323" / 8.2mm	23	60
5032408	8	0.343" / 8.7mm	27	66
5032410	10	0.382" / 9.7mm	34	76
5032412	12	0.417" / 10.6mm	40	92
5032414	14	0.441" / 11.2mm	47	108
5032415	15	0.465" / 11.8mm	50	117
5032416	16	0.480" / 12.2mm	54	125
5032418	18	0.492" / 12.5mm	60	142
5032420	20	0.524" / 13.3mm	67	157
5032425	25	0.602" / 15.3mm	84	201

Sizes continued on next page.

LiYY-TP PVC Multi-Pair Data Cable



LiYY-TP Sizes Continued. (24, 22, 20 & 18 AWG)

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,25mm² Cont.				
5032430	30	0.630" / 16.0mm	101	248
5032436	36	0.673" / 17.1mm	121	295
5032440	40	0.685" / 17.4mm	134	355
5032450	50	0.709" / 18.0mm	168	436
5032455	55	0.724" / 18.4mm	184	530
22 AWG (7/30) 0,34mm²				
5032201	1	0.181" / 4.6mm	4	24
5032202	2	0.217" / 5.5mm	9	28
5032203	3	0.264" / 6.7mm	13	34
5032204	4	0.291" / 7.4mm	17	41
5032208	8	0.319" / 8.1mm	25	80
5032210	10	0.362" / 9.2mm	32	102
20 AWG (16/32) 0,50mm²				
5032001	1	0.220" / 5.6mm	7	28
5032002	2	0.280" / 7.1mm	13	34
5032003	3	0.307" / 7.8mm	19	42
5032004	4	0.346" / 8.8mm	26	49
5032008	8	0.480" / 12.2mm	52	115
5032010	10	0.520" / 13.2mm	64	131
18 AWG (24/32) 0,75mm²				
5031801	1	0.264" / 6.7mm	9	32
5031802	2	0.295" / 7.5mm	19	40
5031803	3	0.331" / 8.4mm	29	50
5031804	4	0.343" / 8.7mm	39	62

* Additional sizes may be available.

LiYCY-TP Shielded Multi-Pair Cable



LiYCY-TP is a VDE approved, flexible, overall shielded, PVC multi-pair 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 the tool making and machine industries. The twisted pair construction reduces interference (crosstalk) within the cable while the tinned copper braid shield offers optimum protection from electrical and electromagnetic interference. **LiYCY-TP** is recommended when a smaller diameter and bending radius is required. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Special PVC core insulation
- Color code DIN47100 - with color repetition
- Plastic foil separator
- 85% tinned copper braid
- PVC outer jacket - gray (RAL 7001/7032)
- **Extremely oil resistant**

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812 & 0814
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5042602	2	0.205" / 5.2mm	13	27
5042603	3	0.220" / 5.6mm	15	33
5042604	4	0.228" / 5.8mm	18	37
5042605	5	0.256" / 6.5mm	21	44
5042606	6	0.272" / 6.9mm	33	58
5042607	7	0.287" / 7.3mm	35	61
5042608	8	0.307" / 7.8mm	36	65
5042610	10	0.335" / 8.5mm	40	73
5042612	12	0.366" / 9.3mm	44	95
5042616	16	0.421" / 10.7mm	53	104
5042618	18	0.433" / 11.0mm	56	115
5042620	20	0.441" / 11.2mm	65	123
5042624	24	0.496" / 12.6mm	74	153
5042625	25	0.504" / 12.8mm	76	160
5042630	30	0.535" / 13.6mm	94	181
5042632	32	0.559" / 14.2mm	97	190
5042640	40	0.606" / 15.4mm	119	249
5042650	50	0.701" / 17.8mm	135	295
24 AWG (14/34) 0,25mm²				
5042402	2	0.248" / 6.3mm	19	36
5042403	3	0.264" / 6.7mm	21	44
5042404	4	0.268" / 6.8mm	25	54
5042405	5	0.307" / 7.8mm	37	65
5042406	6	0.346" / 8.8mm	44	76
5042407	7	0.350" / 8.9mm	47	81
5042408	8	0.378" / 9.6mm	50	87
5042410	10	0.417" / 10.6mm	74	105
5042412	12	0.457" / 11.6mm	78	127
5042416	16	0.512" / 13.0mm	96	159
5042418	18	0.520" / 13.2mm	99	166
5042420	20	0.539" / 13.7mm	109	184
5042424	24	0.590" / 15.0mm	150	221
5042425	25	0.606" / 15.4mm	156	230
5042430	30	0.657" / 16.7mm	170	252
5042432	32	0.673" / 17.1mm	195	268
5042440	40	0.740" / 18.8mm	234	325
5042450	50	0.783" / 19.9mm	270	369

Sizes continued on next page.

LiYCY-TP Shielded Multi-Pair Cable



LiYCY-TP Sizes Continued. (22 AWG and Larger)

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (7/30) 0,34mm2				
5042202	2	0.248" / 6.3mm	25	44
5042203	3	0.295" / 7.5mm	30	52
5042204	4	0.315" / 8.0mm	36	60
5042205	5	0.350" / 8.9mm	42	74
5042206	6	0.413" / 10.5mm	49	88
5042207	7	0.421" / 10.7mm	53	97
5042208	8	0.429" / 10.9mm	59	101
5042210	10	0.472" / 12.0mm	72	127
5042212	12	0.520" / 13.2mm	82	148
5042216	16	0.594" / 15.1mm	103	168
5042218	18	0.614" / 15.6mm	132	184
5042221	21	0.638" / 16.2mm	144	201
5042225	25	0.705" / 17.9mm	160	268
5042230	30	0.748" / 19.0mm	192	295
5042234	34	0.787" / 20.0mm	208	342
5042240	40	0.827" / 21.0mm	263	396
5042244	44	0.874" / 22.2mm	284	402
5042250	50	0.925" / 23.5mm	305	436
5042261	61	1.035" / 26.3mm	374	563
20 AWG (16/32) 0,50mm2				
5042002	2	0.307" / 7.8mm	36	60
5042003	3	0.335" / 8.5mm	47	70
5042004	4	0.358" / 9.1mm	61	85
5042005	5	0.409" / 10.4mm	70	99
5042006	6	0.465" / 11.8mm	80	115
5042007	7	0.503" / 12.8mm	89	154
5042008	8	0.516" / 13.1mm	97	195
5042010	10	0.563" / 14.3mm	119	215
5042012	12	0.591" / 15.0mm	133	242
5042016	16	0.689" / 17.5mm	170	282
5042020	20	0.768" / 19.5mm	203	389
5042025	25	0.886" / 22.5mm	231	496
5042040	40	1.043" / 26.5mm	382	625
5042050	50	1.201" / 30.5mm	463	789
18 AWG (24/32) 0,75mm2				
5041802	2	0.332" / 8.2mm	39	70
5041803	3	0.354" / 9.0mm	56	86
5041804	4	0.362" / 9.2mm	72	105
5041805	5	0.433" / 11.0mm	85	127
5041806	6	0.488" / 12.4mm	98	145
5041807	7	0.535" / 13.6mm	109	176
5041808	8	0.555" / 14.1mm	121	207
5041810	10	0.602" / 15.3mm	148	238
5041812	12	0.646" / 16.4mm	175	272
5041816	16	0.756" / 19.2mm	220	379
5041820	20	0.835" / 21.2mm	263	470
5041825	25	0.925" / 23.5mm	315	637
17 AWG (32/32) 1,00mm2				
5041702	2	0.398" / 8.9mm	55	78
5041703	3	0.421" / 9.5mm	69	94
5041704	4	0.445" / 10.5mm	89	128
5041705	5	0.562" / 14.3mm	108	178
5041707	7	0.650" / 16.5mm	140	276
16 AWG (30/30) 1,50mm2				
5041602	2	0.421" / 10.7mm	74	82
5041603	3	0.457" / 11.6mm	91	130
5041604	4	0.512" / 13.0mm	115	161
5041605	5	0.598" / 15.2mm	142	228
5041607	7	0.689" / 17.5mm	198	319

* Additional sizes may be available.

LiYCY-CY-TP Shielded Multi-Pair



LiYCY-CY-TP is a VDE approved, flexible, overall and individually shielded, PVC multi-pair 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. The shielded twisted pair and overall copper braid construction offer total interference-free data transfer and is ideal for use as a signal and control cable in combination with computers and external units. **LiYCY-CY-TP** is also well suited for use as a connecting cable found in sound studio equipment, measuring and control equipment and is highly reliable for process-control and security systems. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- Special PVC core insulation
- Color code DIN47100 - with color repetition
- Individual tinned copper braided pairs
- PVC inner jacket over pairs
- Plastic foil separator
- 85% tinned copper braid
- PVC outer jacket - gray (RAL 7001/7032)
- **Extremely oil resistant**

Technical:

- Working voltage: 350/500 volts
- Test voltage: 1200/2000 volts
- Flexing bending radius: 12 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812 & 0814
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm2				
5052602	2	0.287" / 7.3mm	21	64
5052603	3	0.295" / 7.5mm	23	70
5052604	4	0.366" / 9.3mm	30	94
5052605	5	0.413" / 10.5mm	39	107
5052606	6	0.433" / 11.0mm	45	124
5052607	7	0.465" / 11.8mm	52	154
5052608	8	0.512" / 13.0mm	65	164
5052610	10	0.555" / 14.1mm	72	218
5052612	12	0.598" / 15.2mm	90	255
5052616	16	0.665" / 16.9mm	120	295
5052620	20	0.701" / 17.8mm	151	349
24 AWG (14/34) 0,25mm2				
5052402	2	0.374" / 9.5mm	42	83
5052403	3	0.398" / 10.1mm	52	94
5052404	4	0.476" / 12.1mm	83	138
5052405	5	0.488" / 12.4mm	92	154
5052406	6	0.516" / 13.1mm	99	184
5052407	7	0.638" / 16.2mm	107	198
5052408	8	0.665" / 16.9mm	119	221
5052410	10	0.677" / 17.2mm	143	282
5052412	12	0.689" / 17.5mm	160	312
5052416	16	0.866" / 22.0mm	195	396
5052420	20	0.890" / 22.6mm	218	416
5052424	24	1.083" / 27.5mm	246	463
5052432	32	1.173" / 29.8mm	394	527
5052448	48	1.358" / 34.5mm	563	651
22 AWG (19/34) 0,34mm2				
5052202	2	0.398" / 10.1mm	49	93
5052203	3	0.433" / 11.0mm	59	105
5052204	4	0.488" / 12.4mm	92	143
5052206	6	0.571" / 14.5mm	117	207
5052208	8	0.693" / 17.6mm	166	258
5052210	10	0.693" / 17.6mm	193	290

Sizes continued on next page.

LiYCY-CY-TP Shielded Multi-Pair



LiYCY-CY-TP Sizes Continued. (22 & 20 AWG)

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (19/34) 0,34mm2 Cont.				
5052212	12	0.728" / 18.5mm	215	332
5052214	14	0.815" / 20.7mm	260	402
5052216	16	0.886" / 22.5mm	285	427
5052224	24	1.102" / 28.0mm	387	524
20 AWG (16/32) 0,50mm2				
5052002	2	0.425" / 10.8mm	56	96
5052003	3	0.449" / 11.4mm	71	120
5052004	4	0.512" / 13.0mm	106	162
5052006	6	0.587" / 14.9mm	135	214
5052008	8	0.740" / 18.8mm	209	296
5052010	10	0.776" / 19.7mm	224	311
5052012	12	0.819" / 20.8mm	264	355
5052014	14	0.850" / 21.6mm	299	430
5052016	16	0.937" / 23.8mm	336	465
5052020	20	0.988" / 25.1mm	406	518
5052024	24	1.118" / 28.4mm	478	624

* Additional sizes may be available.

JE-LiYCY

Shielded Industrial Cable



JE-LiYCY is a VDE approved, flexible, overall shielded, PVC multi-pair European industrial data transmission cable. For use in stationary applications in dry, moist and wet conditions. Especially designed for transmissions of signals and measurements in electronics and computers. Suitable for use under plaster and fixed installations in outer walls of buildings. Also suitable for connections in intercom, paging and telephone systems. The tinned copper braid shield offers better protection against electrical interference for precise impulse transmissions. Not permitted for outdoor use.



Construction:

- Bare copper strands
- Strands to 7 x 0,30mm
- Special PVC core insulation
- Simatic color code to DIN VDE-0815
- 4 pairs laid up to a unit
- Plastic foil separator
- 85% bare or tinned copper braid
- PVC outer jacket - gray (RAL 7032)

Technical:

- Working voltage: 225 volts
- Test voltage: 500/2000 volts
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +50° C
- Static temp: -30° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 100 MΩ x km

Approvals:

- VDE-0815
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
20 AWG (7/28) 0,50mm²				
5082002	2	0.295" / 7.5mm	34	63
5082004	4	0.394" / 10.0mm	58	103
5082008	8	0.512" / 13.0mm	97	174
5082012	12	0.591" / 15.0mm	131	228
5082016	16	0.669" / 17.0mm	167	289
5082020	20	0.748" / 19.0mm	201	331
5082024	24	0.807" / 20.5mm	233	405
5082032	32	0.906" / 23.0mm	298	494
5082040	40	0.984" / 25.0mm	360	566

* Additional sizes may be available.

Li2YCY-TP Shielded Low Cap



Li2YCY-TP is a CE approved, flexible, oil-resistant, overall shielded, PVC multi-pair European low capacitance 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 and damp conditions. Commonly used for interference free transmissions of data and signals over a long distance. Suitable for higher transmissions speeds for RS-422 and RS-485 interfaces. This cable is specially designed for fast and cost-effective connections using Termini-Point® and solder-free connection techniques. The braid shield offers additional protection against electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Bare copper strands
- 7-wire strands to VDE-0881 for Termini-Point®
- PE insulation compound 2Y11 to DIN VDE 0207
- Color code DIN47100 - with color repetition
- Cores twisted into pairs with optimal lay
- Plastic foil separator
- 85% tinned copper braid
- PVC jacket to VDE 0207 Part-5
- Color Gray (RAL 7032)

Li2YCYv-TP

- Reinforced outer PVC jacket - black
- Suitable for underground laying

Technical:

- Working voltage: 300 volts
- Test voltage: 2000/1000 volts
- Flexing bending radius: 12 x Ø
- Static bending radius: 7.5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 5 GΩ x km
- Mutual Cap (800 Hz): max 70 nF/km

Approvals:

- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

** Attenuation (800 Hz) **

- 0,22 at 100 kHz 9.0 dB/km
- 0,34 at 100 kHz 9.6 dB/km
- 0,50 at 100 kHz 6.0 dB/km
- 0,22 at 1 MHz 25,0 dB/km
- 0,34 at 1 MHz 20.0 dB/km
- 0,50 at 1 MHz 18.0 dB/km

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (7/32) 0,22mm2				
5202402	2	0.244" / 6.2mm	17	32
5202403	3	0.264" / 6.7mm	21	44
5202404	4	0.287" / 7.3mm	27	55
5202408	8	0.354" / 9.0mm	42	83
5202410	10	0.413" / 10.5mm	53	111
22 AWG (7/30) 0,34mm2				
5202201	1	0.260" / 6.6mm	12	30
5202202	2	0.299" / 7.6mm	23	46
5202203	3	0.315" / 8.0mm	30	52
5202204	4	0.339" / 8.6mm	38	64
5202208	8	0.441" / 11.2mm	58	106
5202210	10	0.492" / 12.5mm	70	131
20 AWG (7/28) 0,50mm2				
5202001	1	0.248" / 6.3mm	15	38
5202002	2	0.331" / 8.4mm	33	50
5202003	3	0.350" / 8.9mm	40	73
5202004	4	0.378" / 9.6mm	49	86
5202008	8	0.484" / 12.3mm	83	150
5202010	10	0.571" / 14.5mm	104	178

* All sizes list above are available in a reinforced black jacket for underground use type Li2YCYv-TP (521)

**Additional sizes may be available.

Termini-Point® is a registered trademark of AMP, Inc.

Li2YCY-PiMF Shielded Low Cap



Li2YCY-PiMF is a CE approved, flexible, oil-resistant, overall shielded, PVC multi-pair European low capacitance 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 and damp conditions. Commonly used for absolute disturbance-free data transfers and signal impulses for installed terminals in all areas of medical engineering, data transmission technology, traffic signal systems, food processing and machine tool manufacturing. The individual foil shielding of each pair ensures optimum cross talk attenuation. The tinned copper braid shield offers additional protection against external electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- PE core insulation
- Color code DIN47100 - with color repetition
- Cores twisted into pairs
- Plastic film lapping
- Pairs wrapped with laminated metal foil
- Tinned copper drain wire for each pair
- Plastic foil separator
- 85% tinned copper braid
- PVC outer jacket - gray (RAL 7032)

Technical:

- Working voltage: 300 volts
- Test voltage: 2000/1000 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 6.0 x Ø
- Flexing temp: -5° C to +80° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 5 GΩ x km
- Mutual Cap (800 Hz): max 75 nF/km

Approvals:

- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

** Attenuation (800 Hz)**

- 0,22 at 100 kHz 11.5 dB/km
- 0,34 at 100 kHz 9.0 dB/km
- 0,50 at 100 kHz 7.0 dB/km
- 0,22 at 1 MHz 46.0 dB/km
- 0,34 at 1 MHz 38.0 dB/km
- 0,50 at 1 MHz 35.0 dB/km

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,22mm²				
5222402	2	0.276" / 7.0mm	22	26
5222403	3	0.299" / 7.6mm	25	39
5222404	4	0.319" / 8.1mm	33	56
5222408	8	0.402" / 10.2mm	57	90
5222410	10	0.465" / 11.8mm	67	111
22 AWG (19/34) 0,34mm²				
5222202	2	0.319" / 8.1mm	30	48
5222203	3	0.346" / 8.8mm	37	58
5222204	4	0.378" / 9.6mm	45	70
5222208	8	0.476" / 12.1mm	76	129
5222210	10	0.579" / 14.7mm	101	155
20 AWG (16/32) 0,50mm²				
5222002	2	0.358" / 9.1mm	34	68
5222003	3	0.394" / 10.0mm	44	80
5222004	4	0.472" / 12.0mm	72	131
5222005	5	0.516" / 13.1mm	80	155
5222006	6	0.567" / 14.4mm	99	174
5222008	8	0.591" / 15.0mm	121	208
5222010	10	0.693" / 17.6mm	158	267
5222016	16	0.835" / 21.2mm	227	345
5222020	20	0.902" / 22.9mm	264	461
5222030	30	1.098" / 27.9mm	387	657
5222040	40	1.508" / 38.3mm	459	932
5222050	50	1.701" / 43.2mm	559	1248

Sizes continued on next page.

Li2YCY-PiMF Shielded Low Cap



Li2YCY-PiMF Sizes Continued. (18 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
18 AWG (24/32) 0,75mm²				
5221802	2	0.409" / 10.4mm	41	78
5221803	3	0.445" / 11.3mm	65	95
5221804	4	0.551" / 14.0mm	95	161
5221805	5	0.594" / 15.1mm	109	204
5221806	6	0.661" / 16.8mm	133	236
5221808	8	0.677" / 17.2mm	165	278
5221810	10	0.780" / 19.8mm	205	339
5221816	16	0.945" / 24.0mm	299	491
5221820	20	1.008" / 25.6mm	355	577
5221830	30	1.217" / 30.9mm	513	812
17 AWG (32/32) 1,00mm²				
5221702	2	0.469" / 11.9mm	48	87
5221703	3	0.480" / 12.2mm	70	108
5221704	4	0.638" / 16.2mm	125	241
5221705	5	0.685" / 17.4mm	155	276
5221706	6	0.736" / 18.7mm	174	317
5221708	8	0.756" / 19.2mm	216	362
5221710	10	0.874" / 22.2mm	256	449
5221716	16	1.059" / 26.9mm	388	659
5221720	20	1.157" / 29.4mm	476	832
5221730	30	1.394" / 35.4mm	704	1154
16 AWG (30/30) 1,50mm²				
5221602	2	0.504" / 12.8mm	54	110
5221603	3	0.555" / 14.1mm	95	132
5221604	4	0.685" / 17.4mm	175	322
5221605	5	0.724" / 18.4mm	190	346
5221606	6	0.791" / 20.1mm	238	396
5221608	8	0.835" / 21.2mm	300	467
5221610	10	0.941" / 23.9mm	370	586
5221616	16	1.169" / 29.7mm	562	899
5221620	20	1.248" / 31.7mm	691	1087

* Additional sizes may be available.

LiHH Halogen-Free Data Cable



LiHH is a VDE approved, flexible, halogen-free 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 connecting cable for signal, measuring, control, call-announcing and two-way intercom systems, clock installations, electronic weighing machines and electrical apparatus for office use. The halogen-free thermoplastic jacket is flame retardant and will give off no corrosive or toxic gases in the case of fire. Commonly installed in public buildings, laboratories, trading and transportation centers. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Halogen-free core insulation
- Color code DIN47100 - without color repetition
- Halogen-free jacket - gray (RAL 7001/7032)

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812 & 0482 Part 267
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5102602	2	0.130" / 3.3mm	1	9
5102603	3	0.138" / 3.5mm	2	11
5102604	4	0.146" / 3.7mm	3	13
5102605	5	0.161" / 4.1mm	4	15
5102606	6	0.165" / 4.2mm	5	17
5102607	7	0.173" / 4.4mm	6	18
5102608	8	0.189" / 4.8mm	7	20
5102610	10	0.217" / 5.5mm	9	25
5102612	12	0.236" / 6.0mm	11	30
5102615	15	0.256" / 6.5mm	13	38
5102618	18	0.276" / 7.0mm	15	44
5102621	21	0.307" / 7.8mm	18	51
5102625	25	0.327" / 8.3mm	22	59
5102630	30	0.346" / 8.8mm	26	66
5102634	34	0.362" / 9.2mm	30	74
5102640	40	0.409" / 10.4mm	36	93
5102650	50	0.492" / 12.5mm	43	110
24 AWG (14/34) 0,25mm²				
5102402	2	0.142" / 3.6mm	3	12
5102403	3	0.150" / 3.8mm	5	14
5102404	4	0.161" / 4.1mm	7	17
5102405	5	0.177" / 4.5mm	8	21
5102406	6	0.189" / 4.8mm	9	25
5102407	7	0.197" / 5.0mm	11	29
5102408	8	0.208" / 5.3mm	13	34
5102410	10	0.248" / 6.3mm	16	38
5102412	12	0.256" / 6.5mm	19	43
5102415	15	0.287" / 7.3mm	24	54
5102418	18	0.311" / 7.9mm	29	60
5102421	21	0.339" / 8.6mm	34	70
5102425	25	0.362" / 9.2mm	40	81
5102434	34	0.425" / 10.8mm	54	113
5102440	40	0.449" / 11.4mm	64	131
22 AWG (7/30) 0,34mm²				
5102202	2	0.169" / 4.3mm	4	17
5102203	3	0.177" / 4.5mm	7	20
5102204	4	0.189" / 4.8mm	9	23

Sizes continued on next page.

LiHH Halogen-Free Data Cable



LiHH Sizes Continued. (22 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (7/30) 0,34mm2 Cont.				
5102205	5	0.209" / 5.3mm	11	29
5102207	7	0.236" / 6.0mm	15	39
5102208	8	0.263" / 6.7mm	18	49
5102210	10	0.303" / 7.7mm	21	54
5102212	12	0.315" / 8.0mm	26	61
5102215	15	0.346" / 8.8mm	33	77
5102218	18	0.378" / 9.6mm	40	91
5102221	21	0.409" / 10.4mm	46	103
5102225	25	0.449" / 11.4mm	54	121
5102234	34	0.504" / 12.8mm	74	156
5102240	40	0.539" / 13.7mm	87	182
20 AWG (16/32) 0,50mm2				
5102002	2	0.177" / 4.5mm	7	20
5102003	3	0.189" / 4.8mm	9	24
5102004	4	0.205" / 5.2mm	13	29
5102005	5	0.236" / 6.0mm	16	38
5102007	7	0.252" / 6.4mm	22	47
5102010	10	0.327" / 8.3mm	32	68
5102012	12	0.339" / 8.6mm	38	78
5102015	15	0.374" / 9.5mm	48	97
5102018	18	0.413" / 10.5mm	58	115
5102021	21	0.445" / 11.3mm	68	132
5102025	25	0.488" / 12.4mm	80	154
5102030	30	0.516" / 13.1mm	95	180
5102034	34	0.543" / 13.8mm	109	202
5102040	40	0.598" / 15.2mm	129	245
18 AWG (24/32) 0,75mm2				
5101802	2	0.205" / 5.2mm	9	27
5101803	3	0.217" / 5.5mm	14	34
5101804	4	0.240" / 6.1mm	19	41
5101805	5	0.264" / 6.7mm	24	51
5101807	7	0.287" / 7.3mm	34	65
5101810	10	0.374" / 9.5mm	48	92
5101812	12	0.402" / 10.2mm	58	112
17 AWG (32/32) 1,00mm2				
5101702	2	0.228" / 5.8mm	13	34
5101703	3	0.240" / 6.1mm	19	38
5101704	4	0.260" / 6.6mm	25	45
5101705	5	0.295" / 7.5mm	32	55
16 AWG (30/30) 1,50mm2				
5101602	2	0.276" / 7.0mm	19	40
5101603	3	0.291" / 7.4mm	29	48
5101604	4	0.315" / 8.0mm	38	58

* Additional sizes may be available.

LiHCH Shielded Halogen-Free Cable



LiHCH is a VDE approved, flexible, overall shielded, halogen-free 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 connecting cable for signal, measuring, control, call-announcing and two-way intercom systems, clock installations, electronic weighing machines and electrical apparatus for office use. The halogen-free thermoplastic jacket is flame retardant and will give off no corrosive or toxic gases in the case of fire. Commonly installed in public buildings, laboratories, trading and transportation centers. The tinned copper braid shield offers interference-free signal and data transfers. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Halogen-free core insulation
- Color code DIN47100 - without color repetition
- Plastic foil separator
- 85% tinned copper braid
- Halogen-free jacket - gray (RAL 7001/7032)

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812 & 0482 Part 267
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5112602	2	0.150" / 3.8mm	8	14
5112603	3	0.157" / 4.0mm	9	17
5112604	4	0.165" / 4.2mm	11	18
5112605	5	0.181" / 4.6mm	13	21
5112606	6	0.192" / 4.9mm	15	23
5112607	7	0.201" / 5.1mm	16	26
5112608	8	0.236" / 6.0mm	17	30
5112610	10	0.252" / 6.4mm	19	36
5112612	12	0.268" / 6.8mm	21	46
5112614	14	0.276" / 7.0mm	25	51
5112616	16	0.283" / 7.2mm	29	55
5112618	18	0.303" / 7.7mm	34	60
5112621	21	0.327" / 8.3mm	42	68
5112625	25	0.370" / 9.4mm	51	81
5112630	30	0.390" / 9.9mm	62	98
5112634	34	0.409" / 10.4mm	74	112
5112640	40	0.433" / 11.0mm	85	114
24 AWG (14/34) 0,25mm²				
5112402	2	0.173" / 4.4mm	10	15
5112403	3	0.177" / 4.5mm	11	19
5112404	4	0.181" / 4.6mm	13	23
5112405	5	0.205" / 5.2mm	16	28
5112406	6	0.213" / 5.4mm	18	30
5112407	7	0.220" / 5.6mm	21	33
5112408	8	0.251" / 6.4mm	23	44
5112410	10	0.283" / 7.2mm	28	51
5112412	12	0.291" / 7.4mm	32	59
5112414	14	0.311" / 7.9mm	35	67
5112416	16	0.335" / 8.5mm	39	76
5112418	18	0.354" / 9.0mm	52	85
5112421	21	0.374" / 9.5mm	63	97
5112425	25	0.406" / 10.3mm	78	110
5112430	30	0.433" / 11.0mm	89	128
5112434	34	0.461" / 11.7mm	97	144
5112440	40	0.492" / 12.5mm	109	164

Sizes continued on next page.

LiHCH Shielded Halogen-Free Cable



LiHCH Sizes Continued. (22 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (7/30) 0,34mm2				
5112202	2	0.193" / 4.9mm	11	21
5112203	3	0.201" / 5.1mm	13	25
5112204	4	0.217" / 5.5mm	17	32
5112205	5	0.244" / 6.2mm	20	39
5112206	6	0.256" / 6.5mm	23	45
5112207	7	0.272" / 6.9mm	25	51
5112208	8	0.299" / 7.6mm	31	64
5112210	10	0.350" / 8.9mm	42	74
5112212	12	0.358" / 9.1mm	46	83
5112214	14	0.370" / 9.4mm	55	94
5112216	16	0.390" / 9.9mm	64	105
5112218	18	0.409" / 10.4mm	72	115
5112221	21	0.445" / 11.3mm	82	131
5112225	25	0.492" / 12.5mm	95	152
5112230	30	0.516" / 13.1mm	109	175
5112234	34	0.547" / 13.9mm	119	191
5112240	40	0.583" / 14.8mm	136	221
20 AWG (16/32) 0,50mm2				
5112002	2	0.205" / 5.2mm	15	25
5112003	3	0.217" / 5.5mm	20	31
5112004	4	0.240" / 6.1mm	23	38
5112005	5	0.272" / 6.9mm	35	52
5112006	6	0.279" / 7.1mm	40	57
5112007	7	0.287" / 7.3mm	44	62
5112008	8	0.328" / 8.3mm	51	76
5112010	10	0.370" / 9.4mm	59	91
5112012	12	0.382" / 9.7mm	66	99
5112018	18	0.437" / 11.1mm	95	141
5112021	21	0.480" / 12.2mm	108	162
5112025	25	0.531" / 13.5mm	125	191
5112030	30	0.571" / 14.5mm	150	228
5112040	40	0.650" / 16.5mm	197	298
18 AWG (24/32) 0,75mm2				
5111802	2	0.232" / 5.9mm	21	30
5111803	3	0.248" / 6.3mm	25	40
5111804	4	0.280" / 7.1mm	39	54
5111805	5	0.299" / 7.6mm	46	65
5111807	7	0.335" / 8.5mm	59	85
5111810	10	0.413" / 10.5mm	82	117
5111812	12	0.441" / 11.2mm	92	131
17 AWG (32/32) 1,00mm2				
5111702	2	0.256" / 6.5mm	29	48
5111703	3	0.276" / 7.0mm	38	60
5111704	4	0.295" / 7.5mm	46	73
5111705	5	0.323" / 8.2mm	53	85
5111707	7	0.346" / 8.8mm	79	115
16 AWG (30/30) 1,50mm2				
5111602	2	0.303" / 7.7mm	39	61
5111603	3	0.319" / 8.1mm	50	77
5111604	4	0.343" / 8.7mm	72	103
5111605	5	0.374" / 9.5mm	87	118
5111607	7	0.421" / 10.7mm	110	148

* Additional sizes may be available.

LIHCH-TP Shielded Halogen-Free



LIHCH-TP is a VDE approved, flexible, overall shielded, halogen-free multi-pair 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 connecting cable for signal, measuring, control, call-announcing and two-way intercom systems, clock installations, electronic weighing machines and electrical apparatus for office use. The halogen-free thermoplastic jacket is flame retardant and will give off no corrosive or toxic gases in the case of fire. Commonly installed in public buildings, laboratories, trading and transportation centers. The twisted pair design will reduce internal interference (crosstalk) while the tinned copper braid shield offers added protection and interference-free signal and data transfers. Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- Halogen-free core insulation
- Color code DIN47100 - with color repetition
- Cores twisted in layered pairs
- Plastic foil separator
- 85% tinned copper braid
- Halogen-free jacket - gray (RAL 7001/7032)

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812 & 0482 Part 267
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm²				
5122602	2	0.213" / 5.4mm	15	25
5122603	3	0.244" / 6.2mm	17	32
5122604	4	0.287" / 7.3mm	26	44
5122605	5	0.311" / 7.9mm	30	51
5122606	6	0.323" / 8.2mm	34	55
5122607	7	0.343" / 8.7mm	36	63
5122608	8	0.370" / 9.4mm	40	72
5122610	10	0.390" / 9.9mm	46	80
5122612	12	0.421" / 10.7mm	52	91
5122615	15	0.445" / 11.3mm	53	105
5122618	18	0.492" / 12.5mm	66	127
5122620	20	0.516" / 13.1mm	81	137
5122625	25	0.543" / 13.8mm	90	160
24 AWG (14/34) 0,25mm²				
5122402	2	0.232" / 5.9mm	18	30
5122403	3	0.276" / 7.0mm	28	44
5122404	4	0.315" / 8.0mm	36	54
5122405	5	0.339" / 8.6mm	40	66
5122406	6	0.358" / 9.1mm	43	78
5122407	7	0.370" / 9.4mm	48	80
5122408	8	0.413" / 10.5mm	54	89
5122410	10	0.429" / 10.9mm	62	103
5122412	12	0.472" / 12.0mm	72	117
5122415	15	0.508" / 12.9mm	83	187
5122418	18	0.539" / 13.7mm	93	243
22 AWG (7/30) 0,34mm²				
5122202	2	0.287" / 7.3mm	29	51
5122203	3	0.339" / 8.6mm	37	72
5122204	4	0.378" / 9.6mm	43	90
5122205	5	0.398" / 10.1mm	50	101
5122206	6	0.417" / 10.6mm	57	99
5122207	7	0.433" / 11.0mm	64	103
5122210	10	0.516" / 13.1mm	80	140

Sizes continued on next page.

LiHCH-TP Shielded Halogen-Free



LiHCH-TP Sizes Continued. (22 AWG and Larger)

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (19/34) 0,34mm² Cont.				
5122212	12	0.567" / 14.4mm	93	164
5122215	15	0.598" / 15.2mm	109	187
5122218	18	0.665" / 16.9mm	139	243
20 AWG (16/32) 0,50mm²				
5122002	2	0.299" / 7.6mm	34	51
5122003	3	0.354" / 9.0mm	43	72
5122004	4	0.406" / 10.3mm	52	90
5122005	5	0.425" / 10.8mm	64	101
5122006	6	0.449" / 11.4mm	72	118
5122007	7	0.465" / 11.8mm	78	124
5122010	10	0.563" / 14.3mm	106	184
5122012	12	0.630" / 16.0mm	119	221
5122015	15	0.673" / 17.1mm	158	255
5122018	18	0.720" / 18.3mm	178	302
18 AWG (24/32) 0,75mm²				
5121802	2	0.354" / 9.0mm	44	70
5121803	3	0.398" / 10.1mm	54	92
5121804	4	0.453" / 11.5mm	72	111
5121805	5	0.488" / 12.4mm	85	134
5121806	6	0.528" / 13.4mm	93	158
5121807	7	0.575" / 14.6mm	103	171
5121810	10	0.618" / 15.7mm	148	243
5121812	12	0.720" / 18.3mm	178	291
5121815	15	0.760" / 19.3mm	219	335
5121818	18	0.811" / 20.6mm	251	389
17 AWG (32/32) 1,00mm²				
5121702	2	0.409" / 10.4mm	56	95
5121703	3	0.425" / 10.8mm	64	116
5121704	4	0.453" / 11.5mm	81	142
5121705	5	0.472" / 12.0mm	108	178

* Additional sizes may be available.

JE-LiHCH

Shielded Industrial Cable



JE-LiHCH is a VDE approved, halogen-free, flexible, overall shielded, multi-pair European industrial data transmission cable. For use in stationary applications in dry, moist and wet conditions. Especially designed for transmissions of signals and measurements in electronics and computers. Suitable for use under plaster and in fixed installations in outer walls of buildings. Also suitable for connections in intercom, paging and telephone systems. The halogen-free thermoplastic jacket is flame retardant and will give off no corrosive or toxic gases in the case of fire. The tinned copper braid shield offers better protection against electrical interference for precise impulse transmissions. Not permitted for outdoor use or underground laying.



Construction:

- Bare copper strands
- Strands to 7 x 0,30mm
- Halogen-free core insulation
- Simatic color code to DIN VDE-0815
- 4 pairs laid up to a unit
- Plastic foil separator
- 85% bare or tinned copper braid
- Halogen-free outer jacket - gray (RAL 7032)

Technical:

- Working voltage: 225 volts
- Test voltage: 500/2000 volts
- Static bending radius: 7.5 x Ø
- Flexing temp: -5° C to +50° C
- Static temp: -30° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 100 MΩ x km

Approvals:

- VDE-0815
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
20 AWG (7/28) 0,50mm²				
5182002	2	0.354" / 9.0mm	30	68
5182004	4	0.472" / 12.0mm	54	113
5182008	8	0.669" / 17.0mm	102	199
5182012	12	0.709" / 18.0mm	129	239
5182020	20	0.866" / 22.0mm	193	372
5182032	32	1.024" / 26.0mm	294	571
5182040	40	1.142" / 29.0mm	356	674

* Additional sizes may be available.

DATA-CP Shielded Polyurethane Cable



DATA-CP is a VDE approved, flexible, oil-resistant, overall shielded, polyurethane multi-conductor European data transmission cable. For use in flexible or stationary applications under high mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used with computers, data transmissions, office equipment and process controls and instruments. The polyurethane jacket is scratch, notch, oil and chemical resistant and designed for harsher ambient conditions where a shielded, robust and small dimensional cable may be required. The braid shield offers additional protection against electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm²) has a 7-wire strand
- PVC core insulation
- Color code DIN47100 - without color repetition
- 85% tinned copper braid
- Polyurethane jacket - gray (RAL 7032)
- **Extremely Oil Resistant**

Technical:

- Working voltage: 250 volts
- Test voltage: 1200/1500 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +80° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,25mm²				
5302402	2	0.177" / 4.5mm	11	24
5302403	3	0.185" / 4.7mm	14	27
5302404	4	0.197" / 5.0mm	16	30
5302405	5	0.220" / 5.6mm	19	37
5302407	7	0.236" / 6.0mm	25	46
5302410	10	0.295" / 7.5mm	31	57
5302412	12	0.303" / 7.7mm	40	61
22 AWG (7/30) 0,34mm²				
5302202	2	0.193" / 4.9mm	14	27
5302203	3	0.201" / 5.1mm	18	35
5302204	4	0.224" / 5.7mm	19	42
5302205	5	0.244" / 6.2mm	22	46
5302207	7	0.268" / 6.8mm	32	58
5302210	10	0.327" / 8.3mm	50	89
5302212	12	0.335" / 8.5mm	54	99
20 AWG (16/32) 0,50mm²				
5302002	2	0.220" / 5.6mm	19	38
5302003	3	0.232" / 5.9mm	25	47
5302004	4	0.248" / 6.3mm	29	54
5302005	5	0.276" / 7.0mm	34	63
5302007	7	0.299" / 7.6mm	44	77
5302010	10	0.366" / 9.3mm	59	94
5302012	12	0.378" / 9.6mm	66	111
18 AWG (24/32) 0,75mm²				
5301802	2	0.236" / 6.0mm	25	45
5301803	3	0.260" / 6.3mm	33	53
5301804	4	0.280" / 7.0mm	39	64
5301805	5	0.311" / 7.6mm	45	76
5301807	7	0.335" / 8.2mm	67	108
5301810	10	0.350" / 10.5mm	87	129
5301812	12	0.366" / 10.8mm	103	151

* Additional sizes may be available.

DATA-CP-TP Shielded Polyurethane



DATA-CP-TP is a VDE approved, flexible, oil-resistant, overall shielded, polyurethane multi-pair European data transmission cable. For use in flexible or stationary applications under high mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used with computers, data transmissions, office equipment and process controls and instruments. The polyurethane jacket is scratch, notch, oil and chemical resistant and designed for harsher ambient conditions where a shielded, robust and small dimensional cable may be required. The twisted pair eliminates crosstalk within the cable as the overall tinned copper braid shield offers additional protection against electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm2) has a 7-wire strand
- PVC core insulation
- Color code DIN47100 - with color repetition
- 85% tinned copper braid
- Polyurethane jacket - gray (RAL 7032)
- **Extremely Oil Resistant**

Technical:

- Working voltage: 250 volts
- Test voltage: 1200/1500 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +80° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,25mm2				
5312402	2	0.276" / 7.0mm	19	36
5312403	3	0.280" / 7.1mm	26	44
5312404	4	0.299" / 7.6mm	30	54
5312405	5	0.311" / 7.9mm	34	65
5312406	6	0.335" / 8.5mm	46	77
20 AWG (16/32) 0,50mm2				
5312002	2	0.339" / 8.6mm	32	62
5312003	3	0.343" / 8.7mm	49	87
5312004	4	0.370" / 9.4mm	55	98
5312005	5	0.406" / 10.3mm	63	116
5312006	6	0.437" / 11.1mm	74	133
18 AWG (24/32) 0,75mm2				
5311802	2	0.366" / 9.3mm	39	71
5311803	3	0.370" / 9.4mm	55	94
5311804	4	0.421" / 10.7mm	72	120
5311805	5	0.437" / 11.1mm	76	144
5311806	6	0.476" / 12.1mm	85	165

* Additional sizes may be available.

LiFYCY-TP Shielded - High Flex



LiFYCY-TP is a VDE approved, high flex, oil-resistant, overall shielded, PVC multi-pair European data transmission cable. For use in highly flexible or stationary applications under medium mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used for signal, measuring, control, intercom systems, weighing instruments, office equipment, computers and telecommunications equipment. The twisted pair eliminates crosstalk within the cable as the overall tinned copper braid shield offers additional protection against high frequency electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Extra fine bare copper strands
- Strands to VDE-0295 Class-6, IEC 60228 Cl-6
- Special PVC core insulation
- Color code DIN47100 - with color repetition
- Cores twisted into pairs
- Plastic foil separator
- 85% tinned copper braid
- Special PVC outer jacket - gray (RAL 7001)
- **Extremely Oil Resistant**

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 10 MΩ x km

Approvals:

- VDE-0812 & 0814
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
28 AWG (41/30) 0,08mm²				
5402803	3	0.197" / 5.0mm	9	21
5402804	4	0.213" / 5.4mm	10	25
5402806	6	0.252" / 6.4mm	13	32
5402808	8	0.280" / 7.1mm	16	51
5402812	12	0.327" / 8.3mm	26	64
5402818	18	0.382" / 9.7mm	37	93
25 AWG (102/30) 0,20mm²				
5402502	2	0.236" / 6.0mm	16	40
5402503	3	0.260" / 6.6mm	23	47
5402504	4	0.280" / 7.1mm	30	54
5402505	5	0.311" / 7.9mm	36	60
5402506	6	0.335" / 8.5mm	40	67
5402507	7	0.350" / 8.9mm	46	80
5402508	8	0.366" / 9.3mm	52	87
5402510	10	0.390" / 9.9mm	72	101
5402512	12	0.394" / 10.0mm	84	121
5402516	16	0.492" / 12.5mm	97	141
5402518	18	0.512" / 13.0mm	104	154
5402520	20	0.547" / 13.9mm	145	168
5402524	24	0.583" / 14.8mm	153	221
5402532	32	0.654" / 16.6mm	180	268

* Additional sizes may be available.

LiYY-UL UL/CSA/CE



LiYY-UL is a UL/CSA/CE approved, flexible 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. LiYY-UL can be found in industrial plants, air conditioning units and in steel production facilities. 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
- 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: 15.0 x Ø
- Static bending radius: 7.5 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
26 AWG (7/34) 0,14mm²				
5502602	2	0.142" / 3.6mm	2	9
5502603	3	0.146" / 3.7mm	3	10
5502604	4	0.157" / 4.0mm	4	12
5502605	5	0.169" / 4.3mm	5	14
5502606	6	0.181" / 4.6mm	6	17
5502608	8	0.201" / 5.1mm	7	20
5502610	10	0.220" / 5.6mm	9	25
5502612	12	0.228" / 5.8mm	11	31
5502616	16	0.248" / 6.3mm	15	38
5502618	18	0.260" / 6.6mm	17	42
5502621	21	0.275" / 7.0mm	20	48
5502624	24	0.295" / 7.5mm	24	55
5502627	27	0.307" / 7.8mm	27	65
5502630	30	0.319" / 8.1mm	30	74
24 AWG (7/32) 0,22mm²				
5502402	2	0.150" / 3.8mm	3	11
5502403	3	0.157" / 4.0mm	5	13
5502404	4	0.165" / 4.2mm	6	15
5502405	5	0.181" / 4.6mm	7	17
5502406	6	0.193" / 4.9mm	9	21
5502408	8	0.220" / 5.6mm	12	28
5502410	10	0.236" / 6.0mm	15	37
5502412	12	0.240" / 6.1mm	19	40
5502416	16	0.264" / 6.7mm	25	50
5502418	18	0.280" / 7.1mm	29	55
5502424	24	0.323" / 8.2mm	40	78
5502427	27	0.335" / 8.5mm	43	94
5502430	30	0.346" / 8.8mm	48	101
22 AWG (7/30) 0,34mm²				
5502202	2	0.165" / 4.2mm	5	17
5502203	3	0.169" / 4.3mm	7	20
5502204	4	0.181" / 4.6mm	9	30
5502205	5	0.197" / 5.0mm	11	35
5502206	6	0.217" / 5.5mm	13	40
5502207	7	0.240" / 6.1mm	14	48

Sizes continued on next page.

LiYY-UL Sizes Continued. (22 AWG & Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (7/30) 0,34mm² Cont.				
5502208	8	0.267" / 6.8mm	17	52
5502210	10	0.268" / 6.8mm	22	54
5502212	12	0.276" / 7.0mm	26	70
5502216	16	0.307" / 7.8mm	35	87
5502218	18	0.327" / 8.3mm	40	94
5502224	24	0.378" / 9.6mm	53	127
5502227	27	0.394" / 10.0mm	59	139
5502230	30	0.413" / 10.5mm	66	151
20 AWG (7/28) 0,56mm²				
5502002	2	0.181" / 4.6mm	7	20
5502003	3	0.189" / 4.8mm	9	22
5502004	4	0.205" / 5.2mm	13	28
5502006	6	0.240" / 6.1mm	19	44
5502010	10	0.299" / 7.6mm	32	68
5502012	12	0.315" / 8.0mm	39	80
5502016	16	0.346" / 8.8mm	52	102
5502018	18	0.370" / 9.4mm	58	113
5502024	24	0.433" / 11.0mm	78	150
5502027	27	0.445" / 11.3mm	87	174
5502030	30	0.465" / 11.8mm	97	201
18 AWG (19/30) 0,82mm²				
5501802	2	0.240" / 6.1mm	10	34
5501803	3	0.252" / 6.4mm	15	42
5501804	4	0.272" / 6.9mm	21	48
5501806	6	0.319" / 8.1mm	32	67
5501810	10	0.409" / 10.4mm	52	121
5501812	12	0.429" / 10.9mm	63	129
5501816	16	0.480" / 12.2mm	84	161
5501818	18	0.512" / 13.0mm	95	181
5501824	24	0.598" / 15.2mm	126	248
5501827	27	0.622" / 15.8mm	142	268
5501830	30	0.642" / 16.3mm	158	315
16 AWG (19/29) 1,30mm²				
5501602	2	0.272" / 6.9mm	16	47
5501603	3	0.287" / 7.3mm	25	60
5501604	4	0.311" / 7.9mm	33	74
5501606	6	0.378" / 9.6mm	50	107
5501610	10	0.488" / 12.4mm	83	168
5501612	12	0.504" / 12.8mm	100	201
5501616	16	0.551" / 14.0mm	133	268
5501618	18	0.583" / 14.8mm	150	302
5501624	24	0.677" / 17.2mm	200	436
5501627	27	0.709" / 18.0mm	225	456
5501630	30	0.736" / 18.7mm	250	503

* Additional sizes may be available.

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.

LiYCY-UL 12 x 0,22 QMM/ 24 AWG UL 2464 CSA AWM I/II CE

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
26 AWG (7/34) 0,14mm2				
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
24 AWG (7/32) 0,22mm2				
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
22 AWG (7/30) 0,34mm2				
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
22 AWG (7/30) 0,34mm2 Cont.				
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
20 AWG (7/28) 0,56mm2				
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
18 AWG (19/30) 0,83mm2				
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
16 AWG (19/29) 1,31mm2				
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.

LiYY-TP-UL

UL/CSA/CE



LiYY-TP-UL is a UL/CSA/CE approved, flexible PVC multi-pair 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. The twisted pair configuration reduces any internal interference (crosstalk) within the cable. Not permitted for outdoor use.



Construction:

- Fine tinned copper strands
- Strands to ASTM-B 174-95, class J-M
- Special PVC core insulation, class 43
- Semi-rigid to UL1581 table 50.182 & 50.183
- DIN47100 color code - with repetition
- Cores twisted into pairs
- Plastic foil separator
- 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: 15.0 x Ø
- Static bending radius: 6.0 x Ø
- Flexing temp: -10° C to +80° C
- Static temp: -20° C to +80° C
- Flame retardant: IEC 60332.1, VW-1, FT1
- Insulation resistance: 100 MΩ x km

Approvals:

- UL Style 2464, UL VW-1
- Pairs to UL1061/1729
- CSA AWM I/II A/B, FT1
- CE low voltage directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (7/34) 0.14mm2				
5532601	1	0.142" / 3.6mm	2	13
5532602	2	0.201" / 5.1mm	3	16
5532603	3	0.209" / 5.3mm	5	20
5532604	4	0.228" / 5.8mm	7	25
5532605	5	0.244" / 6.2mm	9	30
5532606	6	0.268" / 6.8mm	11	34
5532607	7	0.272" / 6.9mm	13	38
5532608	8	0.287" / 7.3mm	14	43
5532610	10	0.291" / 7.4mm	17	51
5532612	12	0.358" / 9.1mm	21	62
5532615	15	0.417" / 10.6mm	27	73
5532616	16	0.425" / 10.8mm	29	75
5532618	18	0.437" / 11.1mm	32	80
5532620	20	0.469" / 11.9mm	36	87
5532622	22	0.488" / 12.4mm	40	101
5532624	24	0.507" / 12.9mm	43	112
5532625	25	0.528" / 13.4mm	45	119
24 AWG (7/32) 0.22mm2				
5532401	1	0.150" / 3.8mm	3	21
5532402	2	0.157" / 4.0mm	6	24
5532403	3	0.224" / 5.7mm	9	32
5532404	4	0.236" / 6.0mm	13	38
5532405	5	0.260" / 6.6mm	16	48
5532406	6	0.283" / 7.2mm	19	54
5532407	7	0.287" / 7.3mm	23	60
5532408	8	0.307" / 7.8mm	26	66
5532410	10	0.362" / 9.2mm	32	74
5532412	12	0.382" / 9.7mm	40	91
5532415	15	0.429" / 10.9mm	49	115
5532416	16	0.433" / 11.0mm	53	124
5532418	18	0.453" / 11.5mm	59	140
5532420	20	0.480" / 12.2mm	66	154
5532422	22	0.512" / 13.0mm	72	166
5532424	24	0.538" / 13.7mm	78	184
5532425	25	0.559" / 14.2mm	83	196

Sizes continued on next page.

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LiYY-TP-UL Sizes Continued. (22 AWG & Larger)

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (7/30) 0,34mm2				
5532201	1	0.165" / 4.2mm	5	25
5532202	2	0.232" / 5.9mm	9	30
5532203	3	0.248" / 6.3mm	13	40
5532204	4	0.276" / 7.0mm	17	53
5532205	5	0.299" / 7.6mm	21	62
5532206	6	0.323" / 8.2mm	26	80
5532207	7	0.331" / 8.4mm	30	86
5532208	8	0.354" / 9.0mm	35	93
5532210	10	0.421" / 10.7mm	44	115
5532212	12	0.445" / 11.3mm	52	130
5532215	15	0.500" / 12.7mm	66	155
5532216	16	0.508" / 12.9mm	70	161
5532218	18	0.535" / 13.6mm	78	177
5532220	20	0.567" / 14.4mm	87	195
5532222	22	0.594" / 15.1mm	96	201
5532224	24	0.633" / 16.1mm	105	240
5532225	25	0.657" / 16.7mm	109	256
20 AWG (7/28) 0,56mm2				
5532001	1	0.181" / 4.6mm	7	40
5532002	2	0.256" / 6.5mm	15	54
5532003	3	0.280" / 7.1mm	21	63
5532004	4	0.307" / 7.8mm	29	70
5532005	5	0.339" / 8.6mm	36	87
5532006	6	0.378" / 9.6mm	43	101
5532007	7	0.386" / 9.8mm	50	117
5532008	8	0.476" / 12.1mm	58	176
5532010	10	0.492" / 12.5mm	72	200
5532012	12	0.516" / 13.1mm	87	216
5532015	15	0.579" / 14.7mm	108	248
5532016	16	0.587" / 14.9mm	115	270
5532018	18	0.618" / 15.7mm	129	322
5532020	20	0.657" / 16.7mm	144	370
5532022	22	0.677" / 17.2mm	158	417
5532024	24	0.732" / 18.6mm	173	460
5532025	25	0.756" / 19.2mm	180	484

* Additional sizes may be available.

LiYCY-TP-UL

UL/CSA/CE



LiYCY-TP-UL is a UL/CSA/CE approved, flexible, overall shielded, PVC multi-pair 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 and machine manufacturing. The twisted pair construction reduces internal interference (crosstalk) within the cable while the tinned copper braid shield offers optimum protection from electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Fine tinned copper strands
- Strands to ASTM-B 174-95, class J-M
- Special PVC core insulation, class 43
- Semi-rigid to UL1581 table 50.182 & 50.183
- DIN47100 color code - with repetition
- Cores twisted into pairs
- 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
- Pairs to UL1061/1729
- CSA AWM I/II A/B, FT1
- CE low voltage directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (7/34) 0.14mm2				
5542601	1	0.157" / 4.0mm	11	21
5542602	2	0.220" / 5.6mm	13	26
5542603	3	0.228" / 5.8mm	15	32
5542604	4	0.248" / 6.3mm	18	37
5542605	5	0.264" / 6.7mm	21	46
5542606	6	0.287" / 7.3mm	33	58
5542607	7	0.295" / 7.5mm	35	62
5542608	8	0.307" / 7.8mm	37	65
5542610	10	0.358" / 9.1mm	40	74
5542612	12	0.386" / 9.8mm	45	95
5542615	15	0.437" / 11.1mm	52	103
5542616	16	0.445" / 11.3mm	54	104
5542618	18	0.465" / 11.8mm	56	114
5542620	20	0.488" / 12.4mm	66	123
5542622	22	0.516" / 13.1mm	70	139
5542624	24	0.570" / 14.5mm	75	152
5542625	25	0.594" / 15.1mm	80	160
24 AWG (7/32) 0.22mm2				
5542401	1	0.165" / 4.2mm	11	31
5542402	2	0.232" / 5.9mm	18	36
5542403	3	0.244" / 6.2mm	21	44
5542404	4	0.264" / 6.7mm	25	53
5542405	5	0.283" / 7.2mm	36	66
5542406	6	0.303" / 7.7mm	44	76
5542407	7	0.311" / 7.9mm	47	81
5542408	8	0.331" / 8.4mm	50	87
5542410	10	0.390" / 9.9mm	73	102
5542412	12	0.402" / 10.2mm	77	127
5542415	15	0.449" / 11.4mm	89	151
5542416	16	0.457" / 11.6mm	95	152
5542418	18	0.480" / 12.2mm	98	160
5542420	20	0.500" / 12.7mm	107	181
5542422	22	0.531" / 13.5mm	114	201
5542425	25	0.583" / 14.8mm	155	228

Sizes continued on next page.

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

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
22 AWG (7/30) 0,34mm2				
5542201	1	0.181" / 4.6mm	11	39
5542202	2	0.252" / 6.4mm	24	44
5542203	3	0.272" / 6.9mm	30	52
5542204	4	0.295" / 7.5mm	36	59
5542205	5	0.319" / 8.1mm	42	74
5542206	6	0.346" / 8.8mm	49	85
5542207	7	0.362" / 9.2mm	53	94
5542208	8	0.382" / 9.7mm	59	99
5542210	10	0.453" / 11.5mm	72	123
5542212	12	0.472" / 12.0mm	82	141
5542215	15	0.528" / 13.4mm	103	164
5542216	16	0.535" / 13.6mm	108	168
5542218	18	0.567" / 14.4mm	132	184
5542220	20	0.591" / 15.0mm	140	201
5542222	22	0.626" / 15.9mm	146	215
5542225	25	0.681" / 17.3mm	164	270
20 AWG (7/28) 0,56mm2				
5542001	1	0.197" / 5.0mm	17	47
5542002	2	0.276" / 7.0mm	38	60
5542003	3	0.299" / 7.6mm	48	68
5542004	4	0.327" / 8.3mm	62	80
5542005	5	0.358" / 9.1mm	72	94
5542006	6	0.398" / 10.1mm	82	109
5542007	7	0.406" / 10.3mm	88	133
5542008	8	0.500" / 12.7mm	97	182
5542010	10	0.520" / 13.2mm	120	206
5542012	12	0.535" / 13.6mm	135	213
5542015	15	0.610" / 15.5mm	155	256
5542016	16	0.614" / 15.6mm	172	280
5542018	18	0.642" / 16.3mm	189	331
5542020	20	0.673" / 17.1mm	205	382
5542022	22	0.709" / 18.0mm	215	431
5542025	25	0.780" / 19.8mm	242	496

* Additional sizes may be available.