

Data & Communication Cable

TRONIC-CY LiY-CY shielded

Flexible • Color coded • Oil resistant • 80° C / 350 - 500 V



HELUKABEL LiY-CY CE

CE = The product conforms to the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

Continued from previous page

Part Number	No. Cond. x cross sec. (mm ²)	Nominal O.D. (in) (mm)	Cop. Wt. (kg/km)	Approx. Weight (kg/km) (lbs/mft)
22 AWG = 0.34 mm²				
20088	1x0.34	.13 3.2	13.5	24 16
20056	2x0.34	.19 4.8	18.0	30 20
20057	3x0.34	.20 5.1	22.0	37 25
20058	4x0.34	.22 5.6	32.2	48 32
20059	5x0.34	.24 6.0	31.0	54 36
20085	6x0.34	.26 6.5	45.0	61 41
20060	7x0.34	.26 6.6	51.0	67 45
20061	8x0.34	.28 7.1	54.0	81 54
20062	10x0.34	.31 8.0	65.0	103 69
20063	12x0.34	.33 8.4	70.0	110 74
20064	14x0.34	.35 8.9	81.0	153 103
20065	16x0.34	.37 9.4	88.0	159 107
20066	18x0.34	.39 9.9	103.0	172 115
20089	19x0.34	.40 10.1	106.0	181 121
20067	20x0.34	.43 10.8	112.0	191 128
20068	21x0.34	.43 10.8	116.0	199 133
20069	24x0.34	.46 11.6	129.0	229 154
20093	25x0.34	.46 11.6	120.0	241 162
20070	27x0.34	.48 12.2	138.0	258 173
20071	30x0.34	.50 12.6	158.0	290 195
20072	32x0.34	.51 12.9	163.0	305 205
20073	36x0.34	.54 13.6	178.0	330 221
20090	37x0.34	.54 13.8	192.0	348 233
20074	40x0.34	.57 14.4	198.0	364 244
20075	42x0.34	.59 15.1	203.0	389 261
20076	44x0.34	.61 15.5	214.0	414 278
20077	48x0.34	.62 15.8	227.0	420 282
20078	52x0.34	.64 16.2	242.0	450 302
20079	56x0.34	.65 16.6	267.0	480 322
20080	61x0.34	.67 17.1	295.0	520 349
20081	80x0.34	1.01 25.6	524.0	580 389
20082	100x0.34	1.12 28.5	620.0	694 466
20 AWG = 0.5 mm²				
16001	1x0.5**	.13 3.4	15.0	40 27
16002	2x0.5	.21 5.4	29.0	45 30
16003	3x0.5	.23 5.8	39.0	55 37
16004	4x0.5	.25 6.4	46.0	61 41
16005	5x0.5	.27 6.8	52.0	76 51
16006	6x0.5	.29 7.4	66.0	89 60
16007	7x0.5	.30 7.6	68.0	98 66
16008	8x0.5	.33 8.3	80.0	117 78
16009	10x0.5	.37 9.4	93.0	135 91
16010	12x0.5	.38 9.7	117.0	157 105
16011	14x0.5	.41 10.4	122.0	190 127
16012	16x0.5	.44 11.1	129.0	210 141
16013	18x0.5	.46 11.6	152.0	217 145
16526	19x0.5	.46 11.7	156.0	246 165
16014	20x0.5	.50 12.6	173.0	275 184
16015	24x0.5	.54 13.7	236.0	337 226
16016	25x0.5	.55 13.9	250.0	351 235
16527	27x0.5	.55 14.0	265.0	373 250
16017	30x0.5	.57 14.6	297.0	396 266
16018	32x0.5	.59 15.0	301.0	431 289
16164	34x0.5	.61 15.4	312.0	440 295
16019	36x0.5	.62 15.7	320.0	445 299
16528	37x0.5	.63 16.1	325.0	458 307
16020	40x0.5	.65 16.5	345.0	470 315
16021	50x0.5	.72 18.4	407.0	570 382
16022	61x0.5	.76 19.4	580.0	650 436
16023	80x0.5	.91 23.0	690.0	780 523
16024	100x0.5	1.02 25.9	814.0	990 664

Part Number	No. Cond. x cross sec. (mm ²)	Nominal O.D. (in) (mm)	Cop. Wt. (kg/km)	Approx. Weight (kg/km) (lbs/mft)
18 AWG = 0.75 mm²				
16025	1x0.75	.15 3.8	19.0	41 27
16026	2x0.75	.24 6.2	38.0	59 40
16027	3x0.75	.25 6.4	50.0	66 44
16028	4x0.75	.28 7.0	57.0	77 52
16029	5x0.75	.30 7.6	70.0	93 62
16030	6x0.75	.33 8.3	87.0	113 76
16031	7x0.75	.33 8.5	96.0	130 87
16032	8x0.75	.36 9.2	110.0	145 97
16033	10x0.75	.41 10.5	140.0	180 121
16034	12x0.75	.43 10.9	151.0	202 135
16035	14x0.75	.46 11.6	167.0	225 151
16036	16x0.75	.48 12.3	183.0	275 184
16037	18x0.75	.51 13.0	207.0	292 196
16529	19x0.75	.52 13.2	221.0	322 216
16038	20x0.75	.55 14.0	238.0	362 243
16039	24x0.75	.61 15.5	270.0	435 292
16040	25x0.75	.61 15.5	278.0	451 278
16041	27x0.75	.64 16.2	287.0	467 313
16042	30x0.75	.66 16.8	315.0	486 326
16043	32x0.75	.67 17.1	330.0	530 355
16163	34x0.75	.69 17.5	350.0	570 382
16044	36x0.75	.70 17.8	370.0	600 402
16530	37x0.75	.72 18.2	386.0	640 429
16045	40x0.75	.75 19.0	395.0	680 456
16120	42x0.75	.78 19.7	408.0	714 479
16046	50x0.75	.82 20.9	480.0	810 543
16047	61x0.75	.90 22.9	555.0	900 604
16048	80x0.75	1.08 27.4	715.0	1200 805
16049	100x0.75	1.23 31.2	910.0	1440 966
17 AWG = 1 mm²				
16475	2x1	.26 6.5	46.0	65 44
16476	3x1	.27 6.9	56.0	80 54
16477	4x1	.30 7.5	69.0	98 66
16478	5x1	.33 8.3	89.0	127 85
16479	6x1	.35 8.9	105.0	144 97
16480	7x1	.35 9.0	111.0	158 106
16481	8x1	.40 10.2	130.0	197 132
16482	10x1	.45 11.4	140.0	232 156
16483	12x1	.46 11.7	168.0	260 174
16484	14x1	.50 12.7	198.0	302 203
16485	16x1	.53 13.4	218.0	346 232
16486	19x1	.55 13.9	268.0	412 276
16487	24x1	.65 16.5	320.0	493 331
16488	27x1	.66 16.8	360.0	562 377
16489	37x1	.74 18.8	485.0	790 530
16 AWG = 1.5 mm²				
16500	2x1.5	.30 7.5	63.0	88 59
16501	3x1.5	.31 8.0	76.0	100 67
16502	4x1.5	.34 8.7	98.0	126 85
16503	5x1.5	.38 9.6	116.0	160 107
16504	6x1.5	.42 10.6	140.0	192 129
16505	7x1.5	.42 10.7	152.0	208 140
16506	8x1.5	.46 11.7	172.0	244 164
16507	10x1.5	.53 13.5	193.0	315 211
16508	12x1.5	.55 14.0	254.0	338 227
16509	14x1.5	.59 15.0	272.0	383 257
16510	16x1.5	.62 15.7	285.0	424 284
16511	19x1.5	.67 17.1	387.0	506 339
16512	24x1.5	.77 19.5	448.0	690 463
16513	27x1.5	.78 19.8	506.0	781 524
16514	37x1.5	.93 23.6	682.0	941 631

NOTES:
 HELUKABEL®-TRONIC is also available in a paired version (e.g. HELUKABEL® -PAAR-TRONIC 20 x 2 x 0.14mm²)

- ** For 1 conductor cable, helically wound shield
- x = Without green-yellow ground conductor
- Further sizes and configurations available upon request
- Call with applications which are beyond standard specifications
- AWG sizes approximate. Actual cross sections in mm². See page 96.

Dimensions and specifications may be changed without prior notice.