

Data & Communication Cable

TRONIC-CY LiY-CY shielded

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



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

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Part Number	No. Cond. x cross sec. (mm ²)	Nominal O.D.		Cop. Wt. (kg/km)	Approx. Weight (kg/km) (lbs/mft)	
		(in)	(mm)		(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.		Cop. Wt. (kg/km)	Approx. Weight (kg/km) (lbs/mft)	
		(in)	(mm)		(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.