



CABLE SELECTOR GUIDE

MULTI-CONDUCTOR UNSHIELDED CABLE

CONDUCTOR SIZE

NO. OF COND.	24 AWG		22 AWG		20 AWG		19 AWG		18 AWG		16 AWG		14 AWG		12 AWG	
	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.	P/N	PG. NO.
2	81012	CF	2002	31	2367	22	2368	22	2202TF	42	2302TF	42	2342	45	2362	45
			2002L	28	2781	31	2369	22	2202	32	2302	33	2342L	28	2362L	28
			2002T	29	2781T	29	2798	CF	2202L	28	2302L	28	2342T	29	2362T	29
			3130	72	3520	32			2202T	29	2302T	29	3118L	25	3135	72
			2365	22	3131	72			8200	76	2372	22	3134	72	8500	76
			2366	22	42002	36			2801	45	2373	22	3784-760A	27		
			2380	24	42002CF	34			3106L	25	3112L	25	8400	76		
			2601	44					3132	72	3133	72	41402	38		
									3752-725	29	3758-725	29	41402CF	35		
									3752-760	27	3758-760	27				
									41802	37	8300	76				
									41802CF	34	41602	37				
											41602CF	34				
			3	81013	CF	2003	31	2103	31	2374	22	2203	32	2303	33	2343
2003L	28	3151				73	3026	CF	2203L	28	2375	22	3154	73	8502	76
2003T	29	3521				32			2203T	29	3153	73	8402	76	41203	38
3150	73	42003				36			3152	73	8302	76	41403	38	41203CF	35
		42003CF				34			8202	76	41603	37	41403CF	35		
									41803	37	41603CF	34				
									41803CF	34	9834	70				
4	81014	CF	2004	31	2104	31			2204	32	2304TF	42	2344	33	8503	76
			2004L	28	2104T	29			2204L	28	2304	33	2344T	29	41204	38
			2004T	29	3522	32			2204T	29	2304L	28	3119L	25	41204CF	35
			81004	CF	42004	36			3109L	25	2304T	29	3119T	27		
					42004CF	34			3754-725	29	3115L	25	8403	76		
									3754-760	27	3757-760	27	41404	38		
									8203	76	8303	76	41404CF	35		
									41804	37	41604	37				
									41804CF	34	41604CF	34				
5			2005	31	2105	31			2205	32	2305	33	2345	33	8504	76
			2005L	28	3523	32			2205L	28	8304	76	8404	46	41205	38
					42005	36			8204	76	41605	37	41405	38	41205CF	35
					42005CF	34			41805	37			41405CF	35		
									41805CF	34						
6	81016	CF	2006	31	2106	31			2206	32					8505	76
			2006L	28	3524	32			2206L	28						
			2006T	29					2206T	29						
			81006	CF					3756-725	29						
									3756-760	28						
7			2007	31	2107	31			2207	32	2307	33	2347	33	8506	76
			2007L	28	42007	36			2207L	28	8306	76	8406	76	41207	38
					42007CF	34			8206	76	41607	37	41407	38	41207CF	35
									41807	37	41607CF	34	41407CF	35		
									41807CF	34						
8	81018	CF	2008	31	2108	31			2208	32	8307	76	41408	38	8507	76
			2008L	28	3526	32			2208L	28	41608	37				
			2008T	29	42008	36			2208T	29						
			81008	CF					3759-725	29						
									8207	76						
9			2009	31	2109	31			2209	32	2309	33	2349	33	8508	76
			2009L	28	42009	36			2209L	28	8308	76	8408	76		
									41809	37	41609	37	41409	38		
10			2010	31	3527	32			2210	32	8309	76	8409	76	8509	76
			2010L	28	42010	36			2210L	28	41610	37	41410	38		
			2010T	29					2210T	29						
									41810	37						
									8209	76						
12			2012	31	2112	31			2212	32	2312	33	2352	33	8510	76
			2012L	28	3528	32			2212L	28	8310	76	8410	76		
			2012T	29	42012	36			2212T	29	41612	37	41412	38		
					42012CF	34			8210	76	41612CF	34	41412CF	35		
									41812	37						
									41812CF	34						
15			2015	31	2115	31			2215	32	2315	33	2355	33	8513	76
					3529	32			8213	76	41615	37	8413	76		
									41815	37						
19									2219	32	2319	33	8421	76	8521	76
									8221	76	8321	76				
20			2020	31	3530	32					8340	76	8440	76	8540	76
25			2025	31	42025	36			2225	32	2325	33	8445	76	8545	76
					42025CF	34			8245	76	8345	76	41425	38		
									41825	37	41625	37	41425CF	35		
									41825CF	34	41625CF	34				
30			2030	31	42030	36			41830	37	8349	76	8449	76	8549	76
											41630	38				
37									8250	76	8350	76	8450	76	8550	76
40			2040	31	42040	36			41840	37	41640	38				
50			2050	31	42050CF	34			41850	37	41650	38				
									41850CF	34	41650CF	34				
60			2060	31	42061	36			41861	37	41661CF	34				
					42061CF	34			41061CF	34						



CONTROL & TRAY CABLES

UNSHIELDED/PVC JACKET
DIRECT BURIAL

-25°C + 90°C DRY, 75°C WET-600 VOLTS, UL TYPE TC-ER

UL SUBJECT 1277 NEC ART.340 Class 1, Div. 11
IPCEA S-61-402, IEEE 383 Flame Test

† Quad Rated: TC-ER, PLTC, NPLF, FPL

DESCRIPTION:

Stranded bare copper, .015 PVC insulation and .004 clear nylon fillers where necessary, and covered with binder tape, black PVC jacket.

CHARACTERISTICS:

Sunlight & Oil Resistant
Flame Retardant
Suitable for outdoor use

Temperature Rating: -25°C +90°C

Voltage Rating: 600V



Color Code: Chart 10

OLYMPIC NO.	NUMBER OF COND.	NOM. JACKET THICKNESS	NOM. O.D.
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18 AWG, STRANDED BARE COPPER

8200	2 (flat)	.045"	.180" x .270"
8202	3	.045"	.285"
8203	4	.045"	.297"
8204	5	.045"	.322"
† 8205	6	.045"	.330"
8206	7	.045"	.348"
8207	8	.045"	.380"
8209	10	.045"	.438"
8210	12	.045"	.447"
8213	15	.045"	.481"
8221	19	.060"	.550"
8245	25	.060"	.650"
8250	37	.060"	.722"

14 AWG, STRANDED BARE COPPER

8400	2 (flat)	.045"	.203" x .316"
† 8402	3	.045"	.334"
† 8403	4	.045"	.365"
8404	5	.045"	.395"
8406	7	.045"	.429"
8408	9	.045"	.499"
8409	10	.060"	.595"
8410	12	.060"	.610"
8415	16	.060"	.675"
8421	19	.060"	.685"
8440	20	.060"	.745"
8445	25	.060"	.794"
8449	30	.080"	.884"
8450	37	.080"	.951"

10 AWG, STRANDED BARE COPPER*

8600	2 (flat)	.045"	.260" x .430"
8602	3	.045"	.460"
8603	4	.045"	.505"
8604	5	.060"	.585"
8606	7	.060"	.635"
8608	9	.060"	.740"
8610	12	.080"	.875"
8615	16	.080"	.970"

*10AWG Insulation thickness .020"

OLYMPIC NO.	NUMBER OF COND.	NOM. JACKET THICKNESS	NOM. O.D.
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16 AWG, STRANDED BARE COPPER

8300	2 (flat)	.045"	.189" x .288"
† 8302	3	.045"	.298"
8303	4	.045"	.328"
8304	5	.045"	.357"
8306	7	.045"	.387"
8308	9	.045"	.440"
8309	10	.045"	.460"
8310	12	.045"	.500"
8315	16	.060"	.605"
8321	19	.060"	.615"
8340	20	.060"	.665"
8345	25	.060"	.706"
8349	30	.060"	.754"
8350	37	.080"	.813"

12 AWG, STRANDED BARE COPPER

8500	2 (flat)	.045"	.260" x .354"
8502	3	.045"	.375"
8503	4	.045"	.408"
8504	5	.045"	.446"
8506	7	.045"	.486"
8508	9	.060"	.597"
8509	10	.060"	.665"
8510	12	.060"	.669"
8513	15	.060"	.760"
8515	16	.060"	.760"
8521	19	.060"	.780"
8540	20	.080"	.885"
8545	25	.080"	.941"
8549	30	.080"	1.006"
8550	37	.080"	1.110"

Passes the VW-1 vertical flame test