

**INTERNATIONAL ELECTRICAL  
WIRE & CABLE, INC.**



**Sound & Communications Catalog  
Made in the U.S.A.**

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# Multi-Conductor Unshielded Audio and Control Cables

International Electrical Wire & Cable, Inc.

Product Description	Cat No.	No. of Cond.	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Color Code Chart
<b>22 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>							
	3210	2	22	.008	.015	.120	Conds. 2 thru 12
	3211	3	22	.008	.015	.127	Color Code No. 1
	3214	4	22	.008	.015	.138	Conds. 15 thru 30
	3215	5	22	.008	.015	.151	Color Code No. 2
	3216	6	22	.008	.015	.165	
	3217	7	22	.008	.015	.165	
	3218	8	22	.008	.015	.180	
	3219	9	22	.008	.015	.193	
	3220	10	22	.008	.015	.211	
	3222	12	22	.008	.015	.230	
	3224	15	22	.008	.015	.250	
	3226	20	22	.008	.015	.270	
	3225	25	22	.008	.015	.310	
	3230	30	22	.008	.015	.320	
	<b>20 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>						
	3430	2	20	.008	.015	.135	Conds. 2 thru 10
	3433	3	20	.008	.015	.142	Color Code No. 1
	8500	4	20	.008	.015	.155	
	8540	5	20	.008	.015	.170	
	3246	6	20	.008	.015	.187	
	3247	7	20	.008	.015	.187	
	3248	8	20	.008	.015	.208	
	3249	9	20	.008	.015	.220	
	3250	10	20	.008	.015	.240	
	<b>18 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>						
	3470	2	18	.008	.015	.155	Conds. 2 thru 12
	3263	3	18	.008	.015	.165	Color Code No. 1
	3264	4	18	.008	.015	.180	Conds. 15 thru 25
	3265	5	18	.008	.015	.195	Color Code No. 2
	3266	6	18	.008	.015	.206	
	3267	7	18	.008	.015	.213	
	3268	8	18	.008	.015	.232	
	3269	9	18	.008	.015	.253	
	3270	12	18	.008	.015	.288	
	3275	15	18	.008	.015	.320	
	3279	19	18	.008	.020	.365	
	3278	25	18	.008	.020	.425	
	Construction: Bare copper conductors, color coded, PVC insulation, conductors cabled, PVC jacket. Put-Ups: 1,000 Ft., 500 Ft spools or pull out boxes						


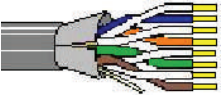


# Multi-Conductor Unshielded Audio and Control Cables

International Electrical Wire & Cable, Inc.

Product Description	Cat No.	No of Cond.	Gauge Size	Ins Thick	Jacket Thick.	Nom O.D.	Color Code Chart
<b>16 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>							
	3480	2	16	.009	.015	.186	Conds. 2 thru 8 Color Code No. 1
	3280	3	16	.009	.015	.195	
	3281	4	16	.009	.015	.215	
	3285	5	16	.009	.015	.228	
	3287	7	16	.009	.015	.250	
	3288	8	16	.009	.015	.350	
	3289	12	16	.009	.015	.392	
<b>14 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>							
	3292	2	14	.009	.015	.212	Conds. 2 thru 12 Color Code No. 1
	3293	3	14	.009	.015	.225	
	3294	4	14	.009	.015	.250	
	3295	5	14	.009	.015	.270	
	3297	7	14	.009	.018	.300	
<b>12 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>							
	3490	2	12	.009	.015	.255	Conds. 2 thru 4 Color Code No. 1
	3493	3	12	.009	.015	.270	
	3494	4	12	.009	.015	.312	
<b>10 AWG STRANDED, PVC JACKET, UL LISTED, 300 VOLTS</b>							
	3498	2	10	.010	.020	.440	Blk, Red
<b>MULTI-CONDUCTOR UNSHIELDED CABLES, SOLID CONDUCTORS WITH JACKET</b>							
	3332	2	22 Solid	.009	.020	.127	Black, White Brown, Tan Brown, Grey, Tan
	3334	2	19 Solid	.009	.020	.127	
	3335	3	19 Solid	.009	.020	.145	
<b>MULTI-CONDUCTOR UNSHIELDED CABLES (NO JACKET)</b>							
	3310	2	22 Solid	.025	.075	.150	Brown or White Brown or White
	3313	2	19 Solid	.025	.086	.172	
	3316	2	22 Str	.025	.080	.160	Brown or White Black, White Black, White Black, White Black, White Black, White
	3317	2	20 Str	.025	.090	.180	
	3319	2	18 Str	.025	.098	.196	
	3320	2	16 Str	.025	.105	.210	
	3321	2	14 Str	.030	.132	.264	
	3324	2	12 Str	.032	.160	.320	


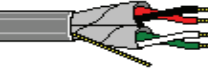

# Multiple Pair Unshielded Sound And Control Cables (Vinyl)

**International Electrical Wire & Cable, Inc.**

Product Description	Cat No.	No. of Pairs	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Color Code Chart
	<b>22 AWG SOLID (PAIRED), UL LISTED, 300 VOLTS</b>						
	2910	1	22	.010	.032	.150	Conds. No. 1 thru 15 Color Code No. 3
	2912	2	22	.010	.032	.220	
	2913	3	22	.010	.032	.230	
	2914	4	22	.010	.032	.250	
	2915	5	22	.010	.032	.280	
	2916	6	22	.010	.032	.290	
	2917	7	22	.010	.032	.290	
	2918	8	22	.010	.032	.315	
	2919	9	22	.010	.032	.335	
	2931	11	22	.010	.032	.360	
	2933	13	22	.010	.032	.375	
	2935	15	22	.010	.032	.395	
	<b>22 AWG STRANDED (PAIRED), UL LISTED, 300 VOLTS</b>						
	2950	1	22	.010	.032	.164	Conds. No. 1 thru 27 Color Code No. 3
	2952	2	22	.010	.032	.240	
	2953	3	22	.010	.032	.252	
	2954	4	22	.010	.032	.274	
	2956	6	22	.010	.035	.320	
	2959	9	22	.010	.035	.370	
	2962	12	22	.010	.035	.410	
	2965	15	22	.010	.040	.450	
	2969	19	22	.010	.040	.480	
	2970	23	22	.010	.040	.530	
	2972	27	22	.010	.040	.570	
	<b>20 AWG STRANDED (PAIRED), UL LISTED, 300 VOLTS</b>						
	2983	3	20	.013	.035	.310	Conds. No. 3 thru 15 Color Code No. 3
	2986	6	20	.013	.035	.390	
	2989	9	20	.013	.035	.455	
	2990	15	20	.013	.040	.555	
	<b>18 AWG STRANDED (PAIRED), UL LISTED, 300 VOLTS</b>						
	2991	1	18	.016	.032	.218	Conds. No. 1 thru 12 Color Code No. 3
	2998	2	18	.016	.035	.340	
	2992	3	18	.016	.035	.360	
	2999	4	18	.016	.035	.393	
	2985	5	18	.016	.040	.450	
	2993	6	18	.016	.040	.465	
	2988	8	18	.016	.040	.510	
	2994	9	18	.016	.045	.550	
	2995	12	18	.016	.045	.614	

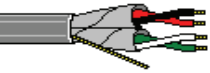
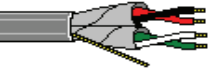
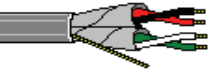
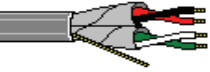
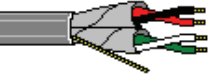

# Shielded Sound and Broadcast Audio Cables

International Electrical Wire & Cable, Inc.

Product Description	Cat No.	No. of Cond.	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Working Voltage	Color Code
	2590	2	22 Sol	.008	.015	.108	300	Blk, Red
	2600	2	22 Str	.008	.015	.124	300	Blk, Red
	2330	2	20 Str	.008	.015	.138	300	Blk, Red
	2340	2	18 Str	.008	.015	.158	300	Blk, Red
	2342	2	16 Str	.008	.015	.186	300	Blk, Red
	2344	2	14 Str	.008	.015	.208	300	Blk, Red
	2346	2	12 Str	.008	.015	.252	300	Blk, Red
	2360	3	22 Str	.008	.015	.131	300	Blk, Red, Wht
	2370	3	20 Str	.008	.015	.146	300	Blk, Red, Wht
	2372	3	18 Str	.008	.015	.168	300	Blk, Red, Wht
	2374	3	16 Str	.008	.015	.198	300	Blk, Red, Wht
	2376	3	14 Str	.008	.015	.222	300	Blk, Red, Wht
<b>SHIELDED AUDIO DATA CABLES—EACH PAIR SHIELDED</b>								
	2383	2	22 Str	.007	.035	.180	300	Blk, Red, Grn, Wht
	Tinned Copper Poly or Polypropylene Ins. Ea. Pr. With Aluminum Mylar Shield 24AWG Str. Tinned Copper common drain wire. Pairs cabled on common axis to reduce diameter.							
<b>SPECIAL INSTRUMENTATION AUDIO AND COMMUNICATION CABLES</b>								
	2380	2-Shld 2-Unshld	22 Str 22 Str	.010	.030	.170	350	Blk, Red, Grn, Wht
	2381	2-Shld 2-Unshld	22 Solid 22 Solid	.010	.030	.170	350	Blk, Red, Grn, Wht
	2382	2-Shld 2-Unshld	20 Str 20 Str	.010	.020	.180	350	Blk, Red, Grn, Wht
	2384	2-Shld 2-Unshld	20 Str 18 Str	.010	.030	.215	350	Blk, Red, Grn, Wht
	2385	2-Shld 1-Unshld	22 Solid 22 Solid	.010	.030	.160	350	Blk, Red, Wht
	2387	2-Shld 1-Unshld	22 Str 22 Str	.010	.030	.170	350	Blk, Red, Wht
	2386	2-Shld 1-Unshld	20 Str 20 Str	.010	.030	.180	350	Blk, Red, Wht
	2390	2-Shld 4-Unshld	22 Solid 22 Solid	.010	.030	.170	350	Blk, Red, Wht, Grn, Brn, Blue
	All Tinned Copper, Polyethylene or Polypropylene, insulated with Tinned Copper Drain wire and Aluminum Polyester 100% Shield. #2590 has solid T/C Drain wire.							





# Multi-Paired Individually Shielded Audio-Sound-Data Cables

**International Electrical Wire & Cable, Inc.**




Product Description	Cat. No.	No. of Pairs	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Nom. Cap. *PF	Nom. Cap. **PF
	<b>22 AWG SOLID CONDUCTOR 100% SHIELDED, 300 VOLTS, UL LISTED</b>							
	3002	2	22	.013	.032	.250	38	75
	3003	3	22	.013	.035	.275	40	77
	3006	6	22	.013	.035	.390	40	77
	3009	9	22	.013	.040	.435	40	77
	3011	11	22	.013	.040	.485	40	77
	3015	15	22	.013	.040	.540	40	77
T/C vinyl insulation, aluminum polyester shield, drain wire & chrome vinyl jacket.								
	<b>22 AWG STRANDED CONDUCTORS 100% SHIELDED</b>							
	3023	3	22	.010	.015	.255	26	50
	3026	6	22	.010	.015	.305	26	50
	3029	9	22	.010	.020	.370	26	50
	3031	11	22	.010	.020	.405	26	50
	3035	15	22	.010	.020	.455	26	50
	3037	27	22	.010	.020	.595	26	50
	<b>20 AWG STRANDED CONDUCTORS 100% SHIELDED</b>							
	3043	3	20	.010	.015	.260	30	55
	3046	6	20	.010	.015	.345	30	55
	3049	9	20	.010	.020	.420	30	55
	3051	11	20	.010	.020	.445	30	55
	3055	15	20	.010	.020	.505	30	55
	<b>18 AWG STRANDED CONDUCTORS 100% SHIELDED</b>							
	3063	3	18	.011	.015	.295	33	60
	3066	6	18	.011	.020	.420	33	60
	3069	9	18	.011	.020	.495	33	60
	3071	12	18	.011	.020	.565	33	60
	3075	15	18	.011	.020	.615	33	60
All above cables with: poly or polypropylene insulation, aluminum polyester shield and grey jacket. Passes FR 1 flame test. *Capacitance between conductors. **Capacitance between 1 conductor & other conductor connected to shield. Color chart 3 except catalog No. 3042.								
	<b>20 AWG 2 PR. SHIELDED AUDIO AND COMPUTER CABLE</b>							
	3042	2	20	.010	.040	.300	53	93
	Tinned copper semi-rigid (SR) PV insulation, twisted pairs, individually shielded with drain wires. Grey PVC jacket. Color code: Red/Black, Green/White.							
	<b>18 AWG 2 PR. SHIELDED AUDIO AND COMPUTER CABLE</b>							
	3062	2 pr.	18	.040	.045	.246	28	53

**Sound, Broadcast, Instrumentation  
and Computer Cables** EIA-RS 232 APPLICATIONS

**International Electrical Wire & Cable, Inc.**



Product Description	Cat. No.	No. of Pairs	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Nom. Cap PF/FT	Color Code Chart
	<b>24 AWG STRANDED, MULTI-PAIRED OVERALL SHIELDED SR PVC INSULATED, 300 VOLT, UL LISTED</b>							
	5202	2	24	.016	.035	.260	30	Pairs 2 thru 9 Color Code No. 3
	5203	3	24	.016	.035	.275	33	
	5204	4	24	.016	.035	.300	33	
	5206	6	24	.016	.035	.350	30	
	5209	9	24	.016	.035	.410	30	
	<b>22 AWG SOLID, MULTI-PAIRED OVERALL SHIELDED, UL LISTED</b>							
	5302	2	22	.023	.035	.310	35	Pairs 2 thru 9 Color Code No. 3
	5303	3	22	.023	.035	.330	35	
	5304	4	22	.023	.035	.360	35	
	5306	6	22	.023	.035	.425	35	
	5309	9	22	.023	.035	.500	35	
	<b>22 AWG STRANDED, MULTI-PAIRED OVERALL SHIELDED, UL LISTED</b>							
	5352	2	22	.025	.035	.340	35	Pairs 2 thru 9 Color Code No. 3
	5353	3	22	.025	.035	.360	35	
	5354	4	22	.025	.035	.390	35	
	5356	6	22	.025	.035	.470	35	
	5359	9	22	.025	.035	.550	35	
	<b>20 AWG STRANDED, MULTI-PAIRED OVERALL FOIL SHIELD, UL LISTED</b>							
	5392	2	20	.015	.028	.240	27	Pairs 2 thru 12 Color Code No. 3
	5393	3	20	.015	.032	.335	27	
	5394	4	20	.015	.032	.380	27	
	5397	7	20	.015	.035	.425	27	
	5399	9	20	.015	.035	.475	27	
	5401	12	20	.015	.040	.520	27	
Tinned copper conductors, S-R semi-rigid, PVC insulation, all pairs cabled, overall 100% polyester shield with T/C stranded drain wire, grey PVC jacket overall, UL Listed.								



Product Description	Cat. No.	No. of Cond.	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Nom. Cap PF/FT	Color Code Chart
<b>24 AWG MULTI-CONDUCTOR, OVERALL SHIELD, 300 VOLTS, UL LISTED</b>								
	5262	2	24	.010	.015	.125	31	Conds. No. 1 thru 10 Color Code No. 1 Conds. No 12 thru 30 Color Code No. 3
	5263	3	24	.010	.015	.130	31	
	5264	4	24	.010	.015	.140	31	
	5265	5	24	.010	.015	.155	31	
	5266	6	24	.010	.015	.170	31	
	5267	7	24	.010	.015	.175	31	
	5268	8	24	.010	.015	.180	31	
	5269	9	24	.010	.015	.195	31	
	5270	10	24	.010	.015	.210	31	
	5272	12	24	.010	.015	.220	31	
	5275	15	24	.010	.015	.235	31	
	5285	25	24	.010	.015	.295	31	
	5286	30	24	.010	.015	.320	31	
	<b>22 AWG STRANDED, MULTI-CONDUCTOR OVERALL FOIL SHIELD S-R PVC INSULATED, UL LISTED</b>							
	5367	3	22	.010	.015	.131	35	Conds. No. 1 thru 10 Color Code No. 1 Conds. No 12 thru 15 Color Code No. 3
	5368	4	22	.010	.015	.155	35	
	5369	5	22	.010	.015	.170	35	
	5370	6	22	.010	.015	.185	35	
	5372	8	22	.010	.015	.200	35	
	5373	9	22	.010	.015	.215	35	
	5374	10	22	.010	.015	.235	35	
	5375	12	22	.010	.015	.245	35	
	5376	15	22	.010	.015	.265	35	
<b>20 AWG STRANDED, MULTI-CONDUCTOR OVERALL FOIL SHIELD</b>								
	5382	2	20	.008	.015	.138	27	Conds. No. 1 thru 10 Color Code No. 1 Conds. No 12 thru 15 Color Code No. 3
	5383	3	20	.008	.015	.146	27	
	5385	5	20	.008	.015	.159	27	
	5386	6	20	.008	.015	.174	27	
	5387	7	20	.008	.015	.190	27	
	5388	8	20	.008	.015	.253	27	
	5389	10	20	.008	.015	.206	27	
	5392	12	20	.008	.015	.323	27	
	5395	15	20	.008	.015	.334	27	
Tinned copper conductors, S-R semi-rigid, PVC insulation, all pairs cabled, overall 100% polyester shield with T/C stranded drain wire, grey PVC jacket overall,								


# Sound, Broadcast, and Low Cap Computer Cables

**International Electrical Wire & Cable, Inc.**

Product Description	Cat. No.	No. of Cond.	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Nom. Cap. PF/FT	
	<b>18 AWG STRANDED, MULTI-CONDUCTOR OVERALL FOIL SHIELD</b>							
	5402	2	18	.009	.015	.164	43	
	5403	3	18	.009	.015	.172	43	
	5404	4	18	.009	.015	.187	43	
	5406	6	18	.008	.015	.230	43	
	5408	8	18	.008	.015	.250	43	
	5411	10	18	.008	.015	.287	43	
	5410	12	18	.008	.015	.296	43	
	5412	15	18	.008	.015	.307	43	
	Cat. No.	No. of Cond.	Gauge Size	Ins. Thick.	Jacket Thick.	Nom. O.D.	Nom. Cap. PF/FT	
	<b>24 AWG STRANDED LOW CAP. DATA TRANSMISSION CABLE PAIRED, OVERALL FOIL SHIELD, 300 VOLTS</b>							
	5500	1 Pr.	24	.015	.038	.220	12	
	5501	2 Pr.	24	.015	.038	.247	12	
	5502	2 Pr. + 1 single	24	.016	.035	.285	12	
	5503	3 Pr. + 1 single	24	.016	.035	.295	12	
	5504	4 Pr.	24	.015	.038	.277	12	
	5505	5 Pr.	24	.015	.038	.310	12	
	5506	6 Pr.	24	.015	.038	.336	12	
	5509	9 Pr.	24	.015	.038	.391	12	
	*Stranded Tinned Copper		*Stranded Tinned Copper Drain		*UL Style 2448			
	*High Molecular Polyethylene		*Grey Polyvinyl Chloride Jacket		*Passes VW-1 Vertical Flame Test			
	*Aluminum Polyester Shield		*Available in pairs without single conductor		*Single conductor is always Green/Yellow Tracer			

# Multi-Conductor Unshielded Plenum Cable Article 725 (b) Class 2 Circuits

**International Electrical Wire & Cable, Inc.**

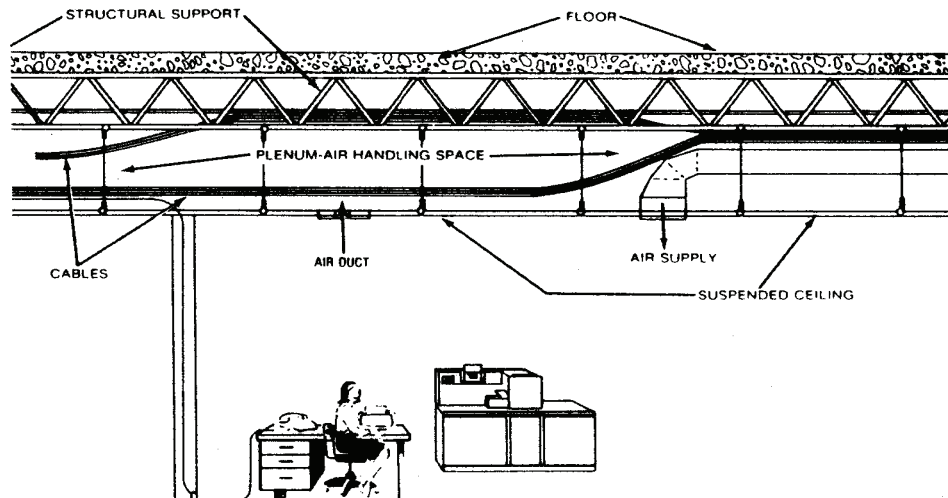
Product Description	Cat No.	No. of Cond.	Gauge Strand	Ins. Thick.	Jacket Thick.	Nom. O.D.	Color Code Chart
	3700	2	22 (7 x 30)	.007	.015	.120	Conds. 2 thru 12 Color Code 1
	3701	3	22 (7 x 30)	.007	.015	.125	
	3702	4	22 (7 x 30)	.007	.015	.135	
	3703	5	22 (7 x 30)	.007	.015	.150	
	3704	6	22 (7 x 30)	.007	.015	.160	
	3706	8	22 (7 x 30)	.007	.015	.175	
	3708	10	22 (7 x 30)	.007	.015	.200	
	3710	12	22 (7 x 30)	.007	.015	.204	
	3714	2	20 (7 x 28)	.007	.015	.130	
	3715	3	20 (7 x 28)	.007	.015	.140	
	3716	4	20 (7 x 28)	.007 <td .015	.160		
	3720	2	18 (19 x 30)	.007	.015	.150	
	3725	3	18 (19 x 30)	.007	.015	.160	
	3722	4	18 (19 x 30)	.007	.015	.175	
	3723	6	18 (19 x 30)	.007	.015	.210	
	3724	8	18 (19 x 30)	.007	.015	.232	
	3728	2	16 (19 x 29)	.007	.015	.175	
	3730	4	16 (19 x 29)	.007	.015	.205	
	3734	2	14 (19 x 27)	.007	.015	.208	
	3736	3	14 (19 x 27)	.007	.015	.220	
3738	2	12 (19 x 27)	.007	.015	.248		
3739	4	12 (19 x 25)	.011	.015	.298		
3737	2	10 (105 x 30)	.013	.017	.320		

## THE INTERNATIONAL ADVANTAGE

- Low smoke
- Easy installation in plenum ceilings
- Lower installation costs
- Accepted by UL Lab for use without circuits
- Accepted by OSHA
- Superior flame retardation properties
- New Plen-Flex jacket (PUDF)
- Durable, flexible, easy to strip



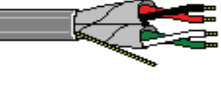
Classified by Underwriters Laboratories for Flame Resistance and low smoke properties in accordance with the following articles.

- 800-3 (d) Telephone wire and cable interconnect (communication circuits)
- 760-4 (d) Fire Protection Cable (signaling system) 300V
- 725-2 (d) Remote Control Signaling and Power Limited Circuit Class 2 "Low Voltage"  
150V-Class 3 300V










**UL Classified Plenum Cable  
For Use Without Conduit**

**International Electrical Wire & Cable, Inc.**

Product Description	Cat. No.	No. of Cond.	Gauge Strand	Ins. Thick.	Jacket Thick.	Nom. O.D.	Color Code Chart
<b>MULTI-CONDUCTOR OVERALL FOIL SHIELD PLENUM CABLES</b>							
	3740	2	22 (7 X 30)	.007	.015	.125	Conds. 2 thru 12 Color Code 1
	3742	4	22 (7 X 30)	.007	.015	.140	
	3743	6	22 (7 X 30)	.007	.015	.160	
	3748	8	22 (7 X 30)	.007	.015	.174	
	3745	10	22 (7 X 30)	.007	.015	.210	
	3746	12	22 (7 x 30)	.007	.015	.216	
	3744	2	20 (7 x 28)	.007	.015	.140	
	3750	2	18 (19 X 30)	.007	.015	.155	
	3751	3	18 (19 X 30)	.007	.015	.165	
	3752	4	18 (19 X 30)	.007	.015	.180	
	3754	6	18 (19 X 30)	.007	.015	.215	
	3756	2	16 (19 X 27)	.007	.015	.185	
	3758	4	16 (19 X 27)	.007	.015	.215	
	3762	2	14 (19 X 25)	.007	.015	.214	
	<b>PAIRED OVERALL FOIL SHIELD PLENUM CABLES ARTICLE 725 (b) CLASS 2 CIRCUITS</b>						
	Cat. No.	No. of Pairs	Gauge Strand	Ins. Thick.	Jacket Thick.	Nom. O.D.	Color Code Chart
	3763	2	24 (7 X 32)	.012	.015	.195	Conds. 2 thru 6 Color Code 3
	3764	3	24 (7 X 32)	.012	.015	.210	
	3768	4	24 (7 x 32)	.012	.015	.230	
	3765	6	24 (7 X 32)	.012	.015	.275	
<b>2 PAIR INDIVIDUALLY SHIELDED</b>							
	3783	2	22 (7 X 30)	.007	.015	.140	Color Code 1
	Red, Blk T/C Teflon insulation, each pair individually shielded/drain wire, Grn, Wht overall tape wrap plus Fluro-Copolymer jacket cabled on a common axis.						


# UL Classified Plenum Cable—Coaxial— NEC Article 725(b) Class 2 Circuits

**International Electrical Wire & Cable, Inc.**



Product Description	Cat. No.	Description	Center Cond.	Ins. Of Core	Shield	Nom. Imp.	Nom. Cap	Nom. VP%	Nom. O.D.	Nom. MHZ	Atten. DB/100
	3928	RG58/U Type	20 Solid Copper	Teflon	T/C Braid 95% Cov.	50	27.0	70.	.178	100 200	4.1 6.2
	3931	RG59/U Type	22(7x30) Bare Copper	Foamed Teflon	Bare Copper 95% Cov.	75	16.0	84.	.218	100 200	3.0 4.5
	3932	R59/U Type	22 Solid Copperweld	Teflon	Bare Copper 95% Cov.	75	21.0	70.	.206	100 200	3.4 4.9
	3934	RG59/U Dual Wang Type	23 Solid Copperweld	Teflon	Bare Copper 95% Cov.	75	19.5	69.5	.235 X .440	100 200	3.5 5.1
	3935	RG59/U Type *420-0112	20 Solid Copperweld	Foamed Plenflex	Bare Copper 95% Cov.	75	16.5	78.	.218	100 200	2.7 4.0
	3936	RG59/U Type Triaxial	20 Solid Bare Copper	Teflon	2 T/C Braids 98% Cov.	75	19.0	69.5	.298	10 100	0.8 2.7
	3938	RG6/U Type	18 Solid Copper	Foamed Plenflex	Alum. T/C Braid Alum. Mylar	75	17.0	78.	.252	100 200	2.1 3.1
	3940	RG11/U Type	14 Solid Bare Copper	Foamed Teflon	T/C Braid 61% Cov.	75	16.0	80.	.365	100 200	1.5 2.2
<b>PLENUM CCTV CAMERA CABLE (PAN AND TILT TYPE) SIAMESE CONSTRUCTION</b>											
	3916	2 Cond.	18 (16 x 30) Bare Copper	Teflon	100% Alum. Foil + Drain Wire	75	16.5	78.	.165	100 200	2.7 4.0
		RG59/U	20 Solid Copperweld	Foamed Teflon	Bare Copper 95% Cov.	75	16.5	78	.218		
	3716	2 Cond.	18 (7 x 26) Bare Copper	Halar	Unshielded Pair	75	16.3	86	.232	100 200	2.1 3.1
		RG6/U	18 Solid Bare Copper	Foamed Teflon	Bare Copper 95% Cov.	75	16.3	86	.416		
<b>PLENUM 93 OHM</b>											
	3941	RG62/U	22 Solid Copperweld	Foamed Teflon	Bare Copper 95% Cov.	93	12.5	85.	.222	100 200	3.0 4.4

# UL Approved Fire Alarm Security & Power Limited Fire & Detection Cable

International Electrical Wire & Cable, Inc.

Product Description	Cat No.	No. of Cond.	Gauge Size	Construction	Ins. Thick.	Jacket Thick.	Nom. O.D.	Working Voltage
	3447	2	18	Parallel—Solid	.032	-	.088 x .196	300
	3445	2	16	Parallel—Solid	.032	-	.094 x .200	300
	3446	2	14	Parallel—Solid	.032	-	.107 x .220	300
	3444	2	12	Parallel—Solid	.032	-	.124 x .250	300

## FIRE ALARM CABLES—ROUND

  	3454	2	18	Round—Solid	.010	.015	.150	300
	3455	2	18	Round—Shielded	.010	.015	.155	300
	3448	4	18	Round—Solid	.010	.015	.175	300
	3456	4	18	Round—Shielded	.010	.015	.235	300
	3450	6	18	Round—Solid	.010	.015	.220	300
	3452	8	18	Round—Solid	.010	.015	.230	300
	3453	10	18	Round—Solid	.010	.015	.270	300
	3457	2	16	Round—Solid	.010	.015	.172	300
	3458	2	16	Round—Shielded	.010	.015	.180	300
	3459	4	16	Round—Solid	.010	.015	.200	300
	3460	4	16	Round—Shielded	.010	.015	.205	300
	3461	2	14	Round—Solid	.014	.015	.214	300
	3462	2	14	Round—Shielded	.014	.015	.220	300
	3464	2	12	Round—Solid	.014	.015	.232	300
	3465	2	12	Round—Shielded	.014	.015	.237	300
	3504	4	22	Round—Solid	.008	.015	.165	300
	3506	6	22	Round—Solid	.008	.015	.170	300
	3508	8	22	Round—Solid	.008	.015	.173	300
	3510	10	22	Round—Solid	.008	.015	.195	300
3512	12	22	Round—Solid	.008	.015	.235	300	

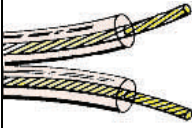
\*Power Limited 105° 300 Volts Wire Protective Signaling Circuit Cables. All cables UL Listed.

\*For use in accordance with NEC Article 760 Power Limited Circuits.

\*Also suitable for use in accordance with NEC Article 725 Class 2 or 3 circuits.






\*All shielded cables with drain wire for ease of termination. Passes the VW-1 Vertical Wire Flame Test.

\*All conductors solid bare copper. Passes the UL 70,000 BTU Flame Test FPL.

Cat. No.	No. of Cond.	Gauge Size	Ins. Thick.	Nom. O.D.	Working Voltage	Color	Put-Ups	
<b>PARALLEL ALARM HOOK-UP WIRE—SPEAKER CABLE</b>								
	2580	2	24 (7 x 32)	.015	.055 x .110	300	Clear	500-1000'
	2565	2	22 Solid	.015	.055 x .110	100	Grey	500-1000'
	2566	2	22 (7 x 30)	.020	.070 x .145	200	Clear	500-1000'
	2550	2	20 (7 x 28)	.020	.085 x .160	300	Grey	500-1000'
	2560	2	18 (16 x 30)	.025	.100 x .187	300	Clear	500-1000'
	2540	2	16 (19 x 29)	.025	.112 x .210	600	Clear	500-1000'
	2544	2	14 (19 x 20)	.030	.120 x .230	600	Clear	500-1000'
	2545	2	12 (259 x 36)		.160 x .335	600	Clear	100-500'

**Voice & Data Category Cable  
5E & 350-PVC & Plenum  
CAT 6-PVC & Plenum**

**International Electrical Wire & Cable, Inc.**

Product Description	Cat. No.	No. of Pairs	Gauge Size	Imp. Ohms	Cable Type	Nom. O.D.	Nom. Cap. PF/FT	Color Code Chart
	<b>CATEGORY 5 ENHANCED PVC</b>							
	1804-5E	4	24	100	UTP	.200	15	See Below
	<b>CATEGORY 5 ENHANCED 350MHz</b>							
	1804-5E/350	4	24	350	UTP	.215	14	See Below
	<b>CATEGORY 5 ENHANCED PLENUM</b>							
	3864-5E	4	24	100	UTP	.200	14	See Below
	<b>CATEGORY 6 PVC</b>							
	1804-6	4	23	-	UTP	.240	-	See Below
	<b>CATEGORY 6 PLENUM</b>							
	3864-6	4	23	-	UTP	.240	-	See Below

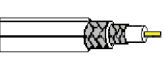
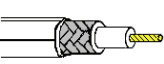
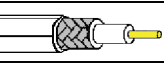


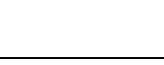
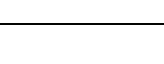

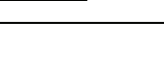



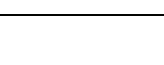




Engineering electrical specifications, construction detail & features are available upon request.  
Put-Ups: 500' & 1000' Pull Out Boxes, Reel In A Box or Reels

**COLOR CODE CHART**

Pair 1 - Blue & White/Blue      Pair 3 - Green & White/Green  
Pair 2 - Orange & White/Orange      Pair 4 - Brown & White/Brown










# Amateur—Ham—Specialists Co-Axial Cables

**International Electrical Wire & Cable, Inc.**

Product Description	Cat No.	RG/U Type	Center Cond. Gauge & Strand	Insul. of Core	Shield	Nom. Imp.	Nom. Cap.	Nom. VP%	Nom. O.D.	Nom. Atten. HZDB/100Ft	
	4051	142B/U	18 Solid SCC	Teflon	2-SC 98% Cov.	50	29.0	69.5	.195	100 200	3.9 5.6
	4080	178B/U	30(7 x 28) SCC	Teflon	1-SC 96% Cov.	50	29.0	69.5	.072	100 200	14.0 19.0
	4084	188A/U	26(7x.0067)	Teflon	1-SC 95% Cov.	50	29.0	69.5	.102	100 200	11.4 14.2
	4088	303/U	18 Solid SCC	Teflon	1-SC 95% Cov.	50	29.0	69.5	.170	100 200	3.2 4.7
	4089	316/U	18 Solid SCC	Teflon	1-SC 95% Cov.	50	29.0	69.5	.098	100 200	10.4 13.2
	4063	213/U	26(7x.0067) SCC	Poly-ethylene	BC Braid 95% Cov.	50	30.8	66.0	.405	100 200	2.2 3.2
	9086	8/U	Mil-C-17D 13(7x21) BC 9 1/2 Solid	Semi-Solid Poly-ethylene	Alum Polyester Shld 95% Cov. T/C Braid	50	24.0	89.0	.405	100 200 400 700	1.4 1.8 2.6 3.6
	9091	8X	.108 BC .90 Ohms/MFT	Foamed Poly	BC Braid 95% Cov.	50	26.0	78.0	.242	100 200	3.7 5.4
	9095	8/U	Extra-Flex 16(19x29) BC	Foamed Poly	BC Braid 95% Cov.	50	26.0	78.0	.405	100 200	1.8 2.6
	4009	8A/U	Extra-Flex 11(19x24) BC	Poly-ethylene	1-BC 95% Cov.	52	29.5	66.0	.405	100 200	2.2 3.2
	4012	9B/U	Mil-C-17A 13(7x21) BC	Poly-ethylene	2-SC 95% Cov.	50	30.0	66.0	.420	50 100	1.6 2.2
	4064	214/U	13(7x21) SCC	Poly-ethylene	2-SC 98% Cov.	50	30.8	66.0	.425	100 200	2.2 3.2
	4064C	214/U	Mil-C-17D Type	Poly-ethylene	2-TC 98% Cov.	50	30.8	66.0	.425	100 200	2.2 3.2
	4072	223/U	13 (7x21) SCC	Poly-ethylene	2-SC 97% Cov.	50	30.8	66.0	.216	100 200	4.5 6.4
	4028	58/U	13(7x21) C Mil-C-17D	Poly-ethylene	1-TC 95% Cov.	53	29.5	66.0	.195	100 200	4.5 6.8
	4029	58A/U	19 Solid SCC	Poly-ethylene	1-TC 95% Cov.	53	29.5	66.0	.195	100 200	4.5 6.8
	4030	58C/U	20 Solid C	Poly-ethylene	1-TC 95% Cov.	50	30.5	66.0	.195	100 200	4.9 7.3
	9165	58A/U	20(19x32) TC Mil-C-17D 20(19x33) TC	Foamed Poly-ethylene	1-TC 95% Cov.	50	26.0	78.0	.195	100 200	4.5 6.4







BC: Bare Copper C: Copper TC: Tinned Copper SCC: Silver Covered Copperweld  
SC: Silvered Copper



Special Purpose CCTV, MATV and Camera Cables Copper Braid Shield					International Electrical Wire & Cable, Inc.				
Product Description	Cat No.	RG/U Type	Center Cond.	Nom. Imp.	Nom. O.D.	Nom. Cap.	Nom. MHZ	Atten. DBL/100'	Shield
	9014	59/U Foam	22 (7x30)	75	.242	17.3	100 200	2.4 4.4	Copper Braid 80% Cov.
For camera to monitor & record connections. Stranded conductors for flexibility needed in extreme flexing & twisting.									
	9016	59/U Foam 1Pr. 18GA	22 CW (16 x 30)	75	.240 x .440	17.3	50 100	2.1 3.0	Copper Braid 95% Cov.
	9018	59/U Foam *1Pr. Shld	22 CW 22 (7 x 30)	75	.242 x .435	17.3	50 100	3.0 4.5	Copper Braid 95% Cov.
*1Pr. 22AWG. Stranded with Aluminum Mylar Shield and Drain Wire.									
	9020	RG59/U Foam	20 Solid Bare Copper DCR 10.1 Ohms	75	.242	16.3	50 100 200	1.8 2.7 3.8	Copper Braid 95% Cov.
	9048	6/U	18 Solid Bare Copper DCR 7.5 Ohms	75	.270	17.3	50 100 200	1.5 2.1 3.1	100% Alum. Mylar Plus 61% T/C Braid
	9049	6/U Foam	18 Solid Bare Copper DCR 6.5 Ohms	75	.272	16.2	50 100 200	1.4 1.98 2.50	Copper Braid 95% Cov.
<b>MATV CABLES</b>									
	9050	11/U Foam	14 Solid Bare Copper	75	.405	13.5	100 200 400	1.5 2.2 3.1	Copper Braid 95% Cov.
	9070	11/U Foam	14 Solid Bare Copper	75	.475	17.3	100 200 400	1.5 2.3 3.1	2 Copper Braid Shields 95% Cov.
<b>SUB MINIATURE COAX</b>									
	9022	59/U Mini	27 (7 x 35 CW)	75	.150	20.5	100 200 400	5.7 8.3 12.1	1 T/C Braid 93% Cov.

**CATV-MATV  
Drop Cables**

**International Electrical Wire & Cable, Inc.**

Product Description	Cat. No.	RG/U Type	Gauge Strand	Nom. Imp. Ohms	Nom. Cap. MMF/FT.	Cable O.D.	Nom. MHZ	Atten. DB Loss/100'
	<b>CAC 59/U TYPE—LOW LOSS FOAM 100% ALUMINUM MYLAR SHIELD PLUS 60% ALUMINUM BRAID, VINYL JACKET</b>							
	7520	59/U	20 CW	75	17.3	.242	100 200 500	2.5 3.8 6.1
	7523	59/U	20 CW	75	17.3	.242	100 200	2.5 3.8
	With .051 Galvanized Steel Messenger Cable							
	<b>CAC 59/U TYPE—LOW LOSS FOAM FLOODED BURIAL CABLE 100% ALUMINUM MYLAR SHIELD PLUS 53% ALUMINUM BRAID, POLYETHYLENE JACKET</b>							
	7521	59/U	20 CW	75	17.3	.242	100 200 500	2.5 3.8 6.1
	With .051 Galvanized Steel Messenger Cable							
	<b>CAC 6/U TYPE—LOW LOSS FOAM 100% ALUMINUM MYLAR SHIELD PLUS 60% ALUMINUM BRAID, VINYL JACKET</b>							
	7518 7519	6/U	18 CW	75	17.3	.285	100 200	2.1 3.0
	With .051 Galvanized Messenger Cable							
	<b>CAC 11/U TYPE—LOW LOSS FOAM FLOODED BURIAL CABLE 100% ALUMINUM MYLAR SHIELD PLUS 60% ALUMINUM BRAID, POLYETHYLENE JACKET</b>							
	7516	6/U	18 CW	75	17.3	.285	100 200 400	2.1 3.0 3.8 1.5
	With .051 Galvanized Messenger Cable							
	<b>CAC 11/U TYPE—FOAM 100% ALUMINUM MYLAR SHIELDED PLUS 60% ALUMINUM BRAID, VINYL JACKET</b>							
	7514	11/U	14 CW	75	17.3	.380	100 200 500	2.2 3.7
	7515	11/U	14 CW	75	17.3	.405	100 200 500	1.5 2.2 3.7
	With .051 Galvanized Messenger Cable							
	<b>CAC 11/U TYPE—LOW LOSS FOAM FLOODED BURIAL CABLE 100% ALUMINUM MYLAR SHIELD PLUS 60% ALUMINUM BRAID, POLYETHYLENE JACKET</b>							
	7513	11/U	14 CW	75	17.3	.405	100 200	1.5 2.2
INTERNATIONAL'S Drop Cables are engineered and manufactured with excellent mechanical strength and shielding for superior field isolation reliability and extreme low loss distribution of color signals across all 82 channels.								

RG/U Power Ratings Max. Input Power ratings-Watts at (MC)					International Electrical Wire & Cable, Inc.					
RG/U Guide	1	10	50	100	200	400	1000	3000	5000	10,000
5B,6A,212	4000	1500	800	550	360	250	150	65	50	25
7	4100	1550	810	540	370	250	140	70	50	30
8,8A,10A,213, 215	11000	3550	1500	975	685	450	230	115	70	-
9,9A,9B,214	9000	2700	1120	780	550	360	200	100	65	40
11,11A,12,12A										
13,13A,216	8000	2500	1000	690	490	340	200	100	65	40
14,14A,74A										
217,224	20000	6000	2400	1600	1000	680	380	170	110	40
17,17A,18,218										
219	50000	14000	5400	3600	2300	1400	780	360	230	-
19,19A,20A,22										
220	110000	28000	10500	6800	4200	2600	1300	620	410	-
34,34B	19000	7200	2700	1650	1100	700	390	140	80	-
358,164	40000	13500	5500	3800	2500	1650	925	370	210	-
55B,223	5600	1700	700	480	320	210	120	60	40	-
58	3500	1000	450	300	200	135	80	40	20	-
58A,58C	3200	1000	425	290	190	105	60	25	20	-
59,598	3900	1200	540	270	270	185	110	50	30	-
62,62A,71A, 71B	4500	1400	630	440	320	230	140	65	40	15
62B	38	1350	600	410	285	195	110	50	31	15
63,63B,79B	8200	3000	1300	1000	685	455	270	130	75	35
87A,116,225										
227	4200	15000	6200	4300	3000	2050	1200	620	480	250
117,211	200000	66000	25000	19000	12800	8500	4800	2200	1400	490
119	100000	31000	13000	9000	6100	4100	2400	1100	770	250
122	1000	240	100	65	45	30	15	10	5	-
141,141A	19000	6300	2700	1700	1200	830	450	220	140	65
142,142A	19000	5700	2600	1800	1300	900	530	265	175	100
143,143A,.25	8700	3750	2600	1800	1250	750	390	275	1+60	-
144	51000	17000	7500	5400	3700	2500	1400	700	440	20
161	1000	350	160	80	80	60	35	15	10	-
178B	1300	640	330	240	180	120	75	40	-	-
179B	3000	1400	750	480	420	320	190	100	73	-
180B	4500	2000	1100	800	570	400	240	130	90	50
187B	3000	1400	750	480	420	320	190	100	73	-
188A	1500	770	480	400	325	275	150	80	55	-
195A	4500	2000	1100	800	570	400	240	130	90	50
196A	1300	640	330	240	180	120	75	40	-	-

**RG/U Attenuation Ratings  
Nom. Attenuation db/100 ft. at (MC)**

**International Electrical Wire & Cable, Inc.**

<b>RG/U Guide</b>	<b>1</b>	<b>10</b>	<b>50</b>	<b>100</b>	<b>200</b>	<b>400</b>	<b>1000</b>	<b>3000</b>	<b>5000</b>	<b>10,000</b>
5B,6A,212	.26	.83	1.9	2.7	4.1	5.9	9.8	23	32	56
7	.18	.64	1.6	2.4	3.5	5.2	9.0	18	25	43
8,8A,10A,213,215	.15	.55	1.3	1.9	2.7	4.1	8.0	16	27	100
9,9A,9B,214	.21	.66	1.5	2.3	3.3	5.0	8.8	18	27	45
11,11A,12,12A	.19	.66	1.6	2.3	3.3	4.8	7.8	16.5	26.5	100
13,13A,216	.19	.66	1.6	2.3	3.3	4.8	7.8	16.5	26.5	100
14,14A,74A	.19	.66	1.6	2.3	3.3	4.8	7.8	16.5	26.5	100
217,224	.12	.41	1.0	1.4	2.0	3.1	5.5	12.4	19	50
17,17A,18,218	.12	.41	1.0	1.4	2.0	3.1	5.5	12.4	19	50
219	.06	.24	.62	.95	1.5	2.4	4.4	9.5	15.3	100
19,19A,20A,22	.06	.24	.62	.95	1.5	2.4	4.4	9.5	15.3	100
220	.04	.17	.45	.69	1.12	1.85	3.6	7.7	11.5	100
34,34B	.08	.32	.85	1.4	2.1	3.3	5.8	6.0	28	100
358,164	.08	.24	.58	.85	1.27	1.95	3.5	8.6	15.5	100
55B,223	.30	1.2	3.2	4.8	7.0	10	16.5	30.5	46	100
58	.33	1.25	3.15	4.6	6.9	10.5	17.5	37.5	60	100
58A,58C	.44	1.4	3.3	4.9	7.4	12	24	54	83	100
59,598	.33	1.1	2.4	3.4	4.9	7.0	12	26.5	42	100
62,62A,71A,71B	.25	.85	1.9	2.7	3.8	5.3	8.7	18.5	30	83
62B	.31	.90	2.0	2.9	4.2	6.2	11	24	38	92
63,63B,79B	.19	.52	1.1	1.5	2.3	3.4	5.8	12	20.5	44
87A,116,225	.18	.60	1.4	2.1	3.0	4.5	7.6	15	21.5	36.5
227	.18	.60	1.4	2.1	3.0	4.5	7.6	15	21.5	36.5
117,211	.09	.24	.60	.90	1.35	2.0	3.5	7.5	12	37
119	.12	.43	1.0	1.5	2.2	3.3	5.5	12	17.5	54
122	.49	1.7	4.5	7.0	11	16.5	29	57	87	100
141,141A	.30	.90	2.1	3.3	4.7	6.9	13	26	40	90
142,142A	.34	1.1	2.7	3.9	5.6	8.0	13.5	27	39	70
143,143A,.25	.85	1.9	2.8	4.0	5.8	9.5	18	25.5	52	26000
144	.19	.60	.3	1.8	2.6	3.9	7.0	14	22	50
161	2.3	3.9	6.6	8.9	12	17.5	30	64	99	100
178B	2.6	5.6	10.5	14	19	28	46	85	100	100
179B	3.0	5.3	8.5	10	12	16	24	44	64	100
180B	2.4	3.3	4.6	5.7	7.6	10.8	17	35	50	88
187B	3.0	5.3	8.5	10	12.5	16	24	44	64	100
188A	3.1	6.0	9.6	11.4	14.2	16.7	31	60	82	100
195A	2.4	3.3	4.6	5.7	7.6	10.8	17	35	50	88
196A	2.6	5.6	10.5	14	19.6	28	46	85	100	100

# Color Code Chart

International Electrical Wire & Cable, Inc.

## MULTI-CONDUCTOR COLOR CHART NO. 1

1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Purple
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

## MULTI-CONDUCTOR COLOR CHART NO. 2

1	Black	16	Black/Red
2	White	17	White/Red
3	Red	18	Orange/Red
4	Green	19	Blue/Red
5	Orange	20	Red/Green
6	Blue	21	Orange/Green
7	White/Black	22	Black/White/Red
8	Red/Black	23	White/Black/Red
9	Green/Black	24	Red/Black/White
10	Orange/Black	25	Green/Black/White
11	Blue/Black	26	Orange/Black/White
12	Black/White	27	Blue/Black/White
13	Red/White	28	Black/Red/Green
14	Green/White	29	White/Red/Green
15	Blue/White	30	Red/Black/Green

## PAIRED CABLE COLOR CODE CHART NO. 3

1	Black paired with Red	10	Red paired with Blue	19	White paired with Blue
2	Black paired with White	11	Red paired with Yellow	20	White paired with Yellow
3	Black paired with Green	12	Red paired with Brown	21	White paired with Brown
4	Black paired with Blue	13	Red paired with Orange	22	White paired with Orange
5	Black paired with Yellow	14	Green paired with White	23	Blue paired with Yellow
6	Black paired with Brown	15	Green paired with Blue	24	Blue paired with Brown
7	Black paired with Orange	16	Green paired with Yellow	25	Blue paired with Orange
8	Red paired with White	17	Green paired with Brown	26	Brown paired with Yellow
9	Red paired with Green	18	Green paired with Orange	27	Brown paired with Orange

**American Wire Gauge (B&S)  
Solid Copper Wire**

**International Electrical Wire & Cable, Inc.**

AWG	Diameter		Circular Mils	LBS. Per 1000 FT.	FT. Per LBS.	OHMS Per 1000 FT.	
	Inches	MM				20C(68F)	25c (77F)
0	.3249	8.253	105500	319.5	3.13	.098	.1002
1	.2893	7.348	83690	253.5	3.95	.1239	.1264
2	.2576	6.554	66370	200.9	4.98	.1563	.1593
3	.2294	5.827	52640	159.3	6.28	.1970	.2009
4	.2043	5.189	41740	126.4	7.91	.2485	.2533
5	.1819	4.621	33100	100.2	9.98	.3133	.3195
6	.1620	4.115	26250	79.46	12.58	.3951	.4028
7	.1443	3.665	20820	63.02	15.87	.4982	.5080
8	.1285	3.264	16510	49.98	20.01	.6282	.6405
9	.1144	2.906	13090	39.63	25.23	.7921	.8077
10	.1019	2.588	10380	31.43	31.82	.9989	1.018
11	.0907	2.305	8234	24.92	40.12	1.284	1.284
12	.0808	2.053	6530	19.77	50.59	1.588	1.619
13	.0719	1.828	5178	15.68	63.80	2.003	2.042
14	.0641	1.628	4107	12.43	80.44	2.525	2.575
15	.0571	1.450	3257	9.858	101.4	3.184	3.247
16	.0508	1.291	2583	7.818	127.9	4.016	4.094
17	.0453	1.150	2048	6.200	161.3	5.064	5.163
18	.0403	1.024	1624	4.917	203.4	6.385	6.510
19	.0359	.9116	1288	3.899	256.5	8.051	8.210
20	.0319	.8118	1022	3.092	323.4	10.15	10.35
21	.0285	.7229	810.1	2.452	407.8	12.80	13.05
22	.0253	.6438	642.4	1.945	514.2	16.14	16.46
23	.0226	.5733	509.5	1.542	648.4	20.36	20.76
24	.0201	.5106	404.0	1.223	817.7	25.67	26.17
25	.0179	.4547	320.4	.9699	1031.1	32.37	33.00
26	.0159	.4049	254.1	.7692	1300	40.81	41.62
27	.0142	.3606	201.5	.6100	1639	51.47	52.48
28	.0126	.3211	159.8	.4837	2067	64.90	66.17
29	.0113	.2859	126.7	.3836	2607	81.83	83.44
30	.0100	.2546	100.5	.3042	3287	103.2	105.2
31	.00893	.2268	79.70	.2413	4145	130.1	132.7
32	.00795	.2019	63.21	.1913	5227	164.1	167.3
33	.00708	.1800	50.13	.1517	6591	206.9	211.0
34	.00613	.1601	39.75	.1203	8310	260.9	266.0
35	.00562	.1426	31.52	.0954	10480	329.0	335.5
36	.00500	.1270	25.00	.0757	13210	414.8	423.0
37	.00445	.1131	19.83	.0600	16660	523.1	533.4
38	.00397	.1007	15.72	.0476	21010	659.6	672.6
39	.00353	.0897	12.47	.0377	26500	831.8	848.1
40	.00315	.0799	9.89	.0299	33410	1049.0	1069.0

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