

# Multi-Conductor, Unshielded

UL 2464, NEC Type CM (UL) c(UL), CSA CMG

**Product Construction:**

**Conductor:**

- Fully annealed tinned copper per ASTM B-33 (C4008A, C4311A)
- Fully annealed solid bare copper per ASTM B-3 (C2754A)

**Insulation:**

- Premium-grade, color-coded S-R PVC per UL 1061

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +80°C

**Applications:**

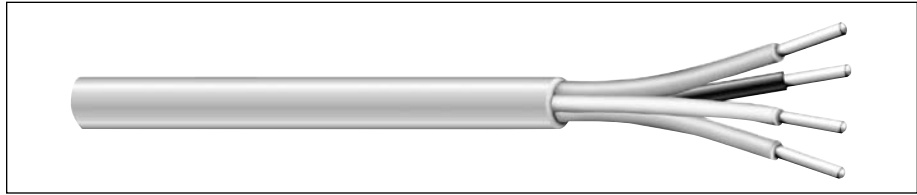
- Public address systems
- Intercoms
- Remote control circuits
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		COLOR CODE	NOM. C-C CAP.* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
<b>C4008A</b>	2	22	Solid	0.010	0.25	0.032	0.81	0.156	3.94	Black/Red	24.5
<b>C4311A</b>	2	20	Solid	0.010	0.25	0.032	0.81	0.166	4.22	Black/Red	28.0
<b>C2754A</b>	2	19	Solid	0.010	0.25	0.032	0.81	0.176	4.47	Brown/Tan	29.5

\*Capacitance between conductors

# Multi-Conductor, Unshielded

NEC Type CMP (UL) c(UL) and/or CL2P



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	

### 22 AWG CONDUCTORS

<b>C3105†</b>	2	22	7/30 TC	0.006	0.15	0.010	0.25	0.089	2.26	29.0
<b>C3106†</b>	4	22	7/30 TC	0.006	0.15	0.010	0.25	0.121	3.07	29.0

### 18 AWG CONDUCTORS

<b>C3102</b>	2	18	7/26 BC	0.008	0.20	0.010	0.25	0.123	3.12	31.0
<b>C3190</b>	3	18	7/26 BC	0.008	0.20	0.010	0.25	0.143	3.63	31.0
<b>C3103</b>	4	18	7/26 BC	0.008	0.20	0.010	0.25	0.163	4.14	31.0
<b>C3134</b>	5	18	7/26 BC	0.008	0.20	0.010	0.25	0.187	4.75	30.8
<b>C3192</b>	6	18	7/26 BC	0.008	0.20	0.010	0.25	0.198	5.03	31.0
<b>C3191</b>	8	18	7/26 BC	0.008	0.20	0.010	0.25	0.223	5.66	31.0
<b>C3178</b>	10	18	7/26 BC	0.008	0.20	0.010	0.25	0.244	6.19	31.0
<b>C3179</b>	12	18	7/26 BC	0.008	0.20	0.010	0.25	0.263	6.68	31.0

### 16 AWG CONDUCTORS

<b>C3193</b>	2	16	19/0.0117 BC	0.008	0.20	0.010	0.25	0.141	3.58	33.0
<b>C3194</b>	3	16	7/0.0192 BC	0.008	0.20	0.010	0.25	0.164	4.17	33.0
<b>C3195</b>	4	16	7/0.0192 BC	0.008	0.20	0.010	0.25	0.187	4.75	33.0

### 14 AWG CONDUCTORS

<b>C3126†</b>	2	14	19/0.0147 BC	0.010	0.25	0.010	0.25	0.168	4.27	35.0
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### 12 AWG CONDUCTORS

<b>C3135†</b>	2	12	19/0.0185 BC	0.010	0.25	0.010	0.25	0.238	6.05	37.0
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\*Capacitance between conductors

†CL2P only

### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Violet
10	Gray
11	Pink
12	Tan

### Product Construction:

#### Conductor:

- 22 thru 14 AWG fully annealed stranded tinned or bare copper per ASTM B-3, B-8 or B-33

#### Insulation:

- Premium-grade, color-coded Flexguard® PVC
- Color code: See chart below

#### Jacket:

- Fluoropolymer, natural
- Temperature range: -20°C to +75°C
- Sequential footage marked to facilitate installation
- Includes ripcord

### Applications:

- Intercom systems
- Background music
- Audio systems
- Power-limited control circuits
- Suggested voltage rating: 150 volts

### Compliances:

- NEC Article 725 (UL: 75°C, 150V)
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

### Features:

- Abrasion-, chemical- and water-resistant jacket

### Packaging:

- Please contact Customer Service for packaging and color options



Designed to Meet  
NFPA 262 and CSA FT-6  
Steiner Tunnel Fire Tests  
for Plenum Applications

Underwriters Laboratories Inc.



# Multi-Conductor, Unshielded

NEC Type CMP (UL) c(UL)

**Product Construction:**

**Conductor:**

- 18 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

- Premium-grade, color-coded FEP
- Color code: See chart below

**Jacket:**

- Flexguard® PVC, natural or as requested
- Temperature range: -20°C to +75°C

**Applications:**

- Audio systems
- Remote control circuits
- Process control and instrumentation
- Suggested voltage rating: 300 volts

**Compliances:**

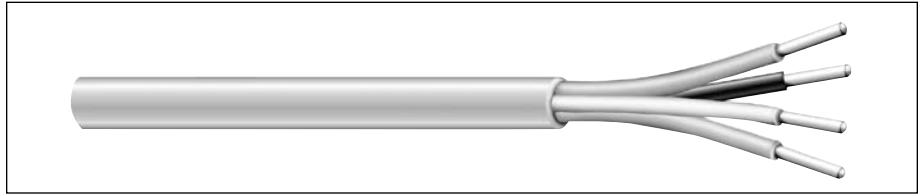
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

**Features:**

- Fire-retardant, low-smoke jacket

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. C-C CAP:* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	
<b>C8102</b>	4	18	19/30 TC	0.007	0.18	0.014	0.36	0.178	4.52	21.5

\*Capacitance between conductors

**Color Code Chart**

NO. OF COND.	COLOR
<b>1</b>	Black
<b>2</b>	White
<b>3</b>	Red
<b>4</b>	Green

# Multi-Conductor, Unshielded

UL 2464, UL 2587, NEC Type CL3 and CM (UL) c(UL), CSA CMG



**Product Construction:**

**Conductor:**

- 16 thru 12 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

- Premium-grade, color-coded PVC
- Color code: See chart below

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +90°C

**Applications:**

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 725 Type CL3 (UL: 75°C)
- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2587 (UL: 90°C, 600V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	

**NEC TYPE CM, UL STYLE 2464 (80°C, 300 VOLTS)**

C2405A	2	16	19/.0117	0.021	0.53	0.032	0.81	0.260	6.81	30.5
C2406A	3	16	19/.0117	0.021	0.53	0.032	0.81	0.283	7.19	30.5
C2425A	4	16	19/.0117	0.021	0.53	0.032	0.81	0.306	7.77	30.5
C2434A	5	16	19/.0117	0.021	0.53	0.032	0.81	0.334	8.48	30.5
C2426A	7	16	19/.0117	0.021	0.53	0.032	0.81	0.363	9.25	30.5
C2443A	8	16	19/.0117	0.021	0.53	0.032	0.81	0.393	10.03	30.5
C2435A	9	16	19/.0117	0.021	0.53	0.032	0.81	0.423	10.80	30.5
C2427A	12	16	19/.0117	0.021	0.53	0.032	0.81	0.476	12.17	30.5
C2428A	15	16	19/.0117	0.021	0.53	0.032	0.81	0.530	13.46	30.5
C2429A	19	16	19/.0117	0.021	0.53	0.032	0.81	0.559	14.33	30.5
C2436A	25	16	19/.0117	0.021	0.53	0.032	0.81	0.657	16.69	30.5

**NEC TYPE CL3, UL STYLE 2587 (90°C, 600 VOLTS)**

C2409A†	2	14	19/.0147	0.030	0.81	0.032	0.81	0.326	8.51	29.0
C2430A	4	14	19/.0147	0.032	0.81	0.032	0.81	0.391	9.93	28.2
C2437A	5	14	19/.0147	0.032	0.81	0.032	0.81	0.428	10.87	28.2
C2431A	7	14	19/.0147	0.032	0.81	0.032	0.81	0.469	11.91	28.2
C2410A	2	12	19/0.0185	0.032	0.81	0.032	0.81	0.366	9.40	31.0
C2440A	4	12	19/0.0185	0.032	0.81	0.032	0.81	0.437	11.02	31.0

\*Capacitance between conductors  
†CL3, UL2587, CSA CMH Only

**Color Code Chart Per ICEA**

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	10	Orange/Black	19	Blue/Red
2	White	11	Blue/Black	20	Red/Green
3	Red	12	Black/White	21	Orange/Green
4	Green	13	Red/White	22	Black/White/Red
5	Orange	14	Green/White	23	White/Black/Red
6	Blue	15	Blue/White	24	Red/Black/White
7	White/Black	16	Black/Red	25	Green/Black/White
8	Red/Black	17	White/Red		
9	Green/Black	18	Orange/Red		



Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.



# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG

**Product Construction:**

**Conductor:**

- 20 or 18 AWG fully annealed stranded, tinned copper per ASTM B-33

**Insulation:**

- Premium-grade, color-coded PVC per UL 1007
- Color code: See charts below

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +80°C

**Applications:**

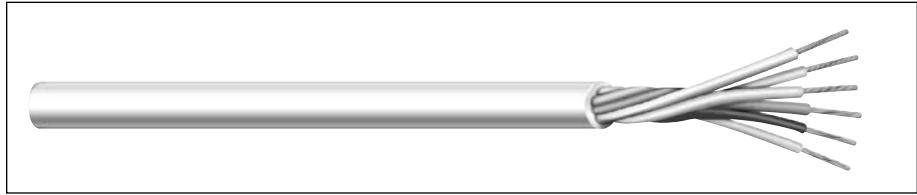
- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		COLOR CODE	NOM. C-C CAP.* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
C6351A†	2	20	7/28	0.016	0.41	0.025	0.64	0.192	4.88	Black/Red	28.0
C6352A	3	20	7/28	0.016	0.41	0.032	0.81	0.216	5.50	1	28.0
C6353A	4	20	7/28	0.016	0.41	0.032	0.81	0.235	5.97	1	28.0
C6355A	5	20	7/28	0.016	0.41	0.032	0.81	0.254	6.46	1	28.0
C6356A	7	20	7/28	0.016	0.41	0.032	0.81	0.275	6.99	1	28.0
C6357A	9	20	7/28	0.016	0.41	0.032	0.81	0.317	8.05	1	28.0
C6360A	12	20	7/28	0.016	0.41	0.032	0.81	0.354	9.00	2	28.0
C6358A	15	20	7/28	0.016	0.41	0.032	0.81	0.392	9.96	2	28.0
C2830A†	2	18	16/30	0.016	0.41	0.015	0.64	0.190	5.33	Black/Red	30.5
C2831A	3	18	16/30	0.016	0.41	0.032	0.81	0.236	5.99	1	30.5
C2404A	4	18	16/30	0.016	0.41	0.032	0.81	0.258	6.55	1	30.5
C2420A	5	18	16/30	0.016	0.41	0.032	0.81	0.280	7.11	1	30.5
C2421A	7	18	16/30	0.016	0.41	0.032	0.81	0.309	7.85	1	30.5
C2422A	9	18	16/30	0.016	0.41	0.032	0.81	0.358	9.09	1	30.5
C2412A	12	18	16/30	0.016	0.41	0.032	0.81	0.401	10.19	2	30.5
C2423A	15	18	16/30	0.016	0.41	0.032	0.81	0.445	11.30	2	30.5
C2424A	19	18	16/30	0.016	0.41	0.032	0.81	0.469	11.91	2	30.5
C2433A	25	18	16/30	0.016	0.41	0.032	0.81	0.550	13.94	2	30.5

\*Capacitance between conductors  
 †CM (UL) c(UL), CSA CMG Only

**Color Code Chart 1 - For cables up to and including 9 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	6	Blue
2	White	7	Orange
3	Red	8	Yellow
4	Green	9	Violet
5	Brown		

**Color Code Chart 2 Per ICEA - For cables of 12 thru 25 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	10	Orange/Black	19	Blue/Red
2	White	11	Blue/Black	20	Red/Green
3	Red	12	Black/White	21	Orange/Green
4	Green	13	Red/White	22	Black/White/Red
5	Orange	14	Green/White	23	White/Black/Red
6	Blue	15	Blue/White	24	Red/Black/White
7	White/Black	16	Black/Red	25	Green/Black/White
8	Red/Black	17	White/Red		
9	Green/Black	18	Orange/Red		



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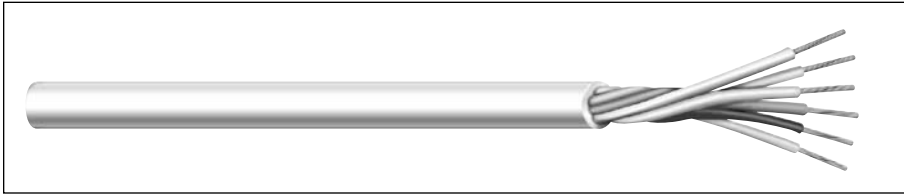


CMG Certified Canadian Standard Association



# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG



### Product Construction:

#### Conductor:

- 22 AWG fully annealed, stranded tinned copper per ASTM B-33

#### Insulation:

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See charts below

#### Jacket:

- PVC, gray
- Temperature range: -20°C to +80°C

### Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

### Features:

- Easy to terminate
- Excellent electrical properties
- Tinned conductors provide excellent corrosion resistance
- Assists soldering applications

### Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- CSA CMG (CSA 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		COLOR CODE	NOM. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
C6348A†	2	22	7/30	0.010	0.25	0.015	0.38	0.130	3.30	Black/Red	24.5
C4062A	3	22	7/30	0.010	0.25	0.032	0.81	0.176	4.47	Black/Red/Green	24.5
C4063A	4	22	7/30	0.010	0.25	0.032	0.81	0.189	4.80	1	24.5
C4064A	5	22	7/30	0.010	0.25	0.032	0.81	0.203	5.16	1	24.5
C4066A	6	22	7/30	0.010	0.25	0.032	0.81	0.218	5.54	1	24.5
C4088A	7	22	7/30	0.010	0.25	0.032	0.81	0.205	5.54	1	24.5
C4065A	8	22	7/30	0.010	0.25	0.032	0.81	0.230	5.94	1	24.5
C4070A	9	22	7/30	0.010	0.25	0.032	0.81	0.249	6.32	1	24.5
C4071A	10	22	7/30	0.010	0.25	0.032	0.81	0.268	6.81	1	24.5
C4067A	12	22	7/30	0.010	0.25	0.032	0.81	0.276	7.01	1	24.5
C4073A	15	22	7/30	0.010	0.25	0.032	0.81	0.303	7.70	2	24.5
C4075A	20	22	7/30	0.010	0.25	0.032	0.81	0.334	8.48	2	24.5
C4076A	25	22	7/30	0.010	0.25	0.032	0.81	0.368	9.35	2	24.5
C4077A	30	22	7/30	0.010	0.25	0.032	0.81	0.389	9.88	2	24.5
C4078A	40	22	7/30	0.010	0.25	0.032	0.81	0.434	11.02	2	24.5
C4079A	50	22	7/30	0.010	0.25	0.032	0.81	0.489	12.42	2	24.5

\*Capacitance between conductors

†CM-CSA CMG Only

### Color Code Chart 1 - For cables up to and including 12 conductors

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

### Color Code Chart 2 Per ICEA - For cables of 15 thru 50 conductors

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	14	Green/White	27	Blue/Black/White	39	White/Black/Green
2	White	15	Blue/White	28	Black/Red/Green	40	Red/White/Green
3	Red	16	Black/Red	29	White/Red/Green	41	Green/White/Blue
4	Green	17	White/Red	30	Red/Black/Green	42	Orange/Red/Green
5	Orange	18	Orange/Red	31	Green/Black/Orange	43	Blue/Red/Green
6	Blue	19	Blue/Red	32	Orange/Black/Green	44	Black/White/Blue
7	White/Black	20	Red/Green	33	Blue/White/Orange	45	White/Black/Blue
8	Red/Black	21	Orange/Green	34	Black/White/Orange	46	Red/White/Blue
9	Green/Black	22	Black/White/Red	35	White/Red/Orange	47	Green/Orange/Red
10	Orange/Black	23	White/Black/Red	36	Orange/White/Blue	48	Orange/Red/Blue
11	Blue/Black	24	Red/Black/White	37	White/Red/Blue	49	Blue/Red/Orange
12	Black/White	25	Green/Black/White	38	Black/White/Green	50	Black/Orange/Red
13	Red/White	26	Orange/Black/White				



Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.



# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG

**Product Construction:**

**Conductor:**

- 24 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See charts below

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +80°C

**Applications:**

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Features:**

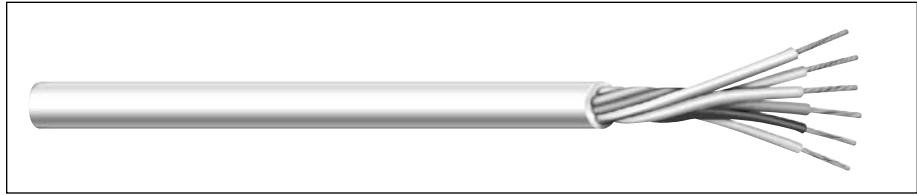
- Easy to terminate
- Excellent electrical properties
- Tinned conductors provide excellent corrosion resistance
- Assists soldering applications

**Compliances:**

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		COLOR CODE	NOM. C-C CAP.* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
C2461A	2	24	7/32	0.010	0.25	0.032	0.81	0.152	3.86	Black/Red	23.0
C2462A	3	24	7/32	0.010	0.25	0.032	0.81	0.163	4.14	Black/Red/Green	23.0
C2463A	4	24	7/32	0.010	0.25	0.032	0.81	0.174	4.42	1	23.0
C2464A	5	24	7/32	0.010	0.25	0.032	0.81	0.183	4.75	1	23.0
C2466A	6	24	7/32	0.010	0.25	0.032	0.81	0.200	5.08	1	23.0
C2488A	7	24	7/32	0.010	0.25	0.032	0.81	0.200	5.08	1	23.0
C2465A	8	24	7/32	0.010	0.25	0.032	0.81	0.214	5.44	1	23.0
C2470A	9	24	7/32	0.010	0.25	0.032	0.81	0.227	5.77	1	23.0
C2471A	10	24	7/32	0.010	0.25	0.032	0.81	0.244	6.20	1	23.0
C2467A	12	24	7/32	0.010	0.25	0.032	0.81	0.251	6.38	1	23.0
C2473A	15	24	7/32	0.010	0.25	0.032	0.81	0.275	6.99	2	23.0

\*Capacitance between conductors

**Color Code Chart 1 - For cables up to and including 12 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

**Color Code Chart 2 Per ICEA - For cables with 15 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	6	Blue	11	Blue/Black
2	White	7	White/Black	12	Black/White
3	Red	8	Red/Black	13	Red/White
4	Green	9	Green/Black	14	Green/White
5	Orange	10	Orange/Black	15	Blue/White



# Multi-Conductor, Unshielded

UL 2464, NEC Type CM (UL) c(UL), CSA CMG



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	
C4081A	6	4-22 2-18	7/30 16/30	0.010 0.016	0.25 0.41	0.032	0.81	0.244	6.20	24.5 31.0
C4082A	7	5-22 2-18	7/30 16/30	0.010 0.016	0.25 0.41	0.032	0.81	0.253	6.43	24.5 31.0
C4083A	8	6-22 2-18	7/30 16/30	0.010 0.016	0.25 0.41	0.032	0.81	0.263	6.69	24.5 31.0
C4084A	9	7-22 2-18	7/30 16/30	0.010 0.016	0.25 0.41	0.032	0.81	0.273	6.94	24.5 31.0

\*Capacitance between conductors

### Color Code Chart

NO. OF COND.	COLOR
1 18 ga.	Black
2	White
1 22 ga.	Red
2	Green
3	Brown
4	Blue
5	Orange
6	Yellow
7	Violet

### Product Construction:

#### Conductor:

- 22 thru 18 fully annealed stranded tinned copper per ASTM B-33

#### Insulation:

- Premium-grade, color-coded PVC (18 AWG), S-R PVC (22 AWG)
- Color code: See chart below

#### Jacket:

- PVC, gray
- Temperature range: -20°C to +80°C

### Applications:

- TV antenna rotor control
- Satellite actuator control
- Public address systems
- Suggested voltage rating: 300 volts

### Features:

- Tinned copper conductors provide excellent corrosion resistance
- Assists with soldering applications

### Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options



Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.





# Multi-Conductor, Unshielded

NEC Type CMP (UL) c(UL) and/or CL3P

## Product Construction:

### Conductor:

- 22 thru 12 AWG fully annealed solid, stranded tinned or bare copper per ASTM B-3, B-8 or B-33

### Insulation:

- Premium-grade, color-coded Flexguard® PVC
- Color code: See chart below

### Jacket:

- Flexguard® PVC, natural
- Temperature range: 0°C to +75°C
- Sequential footage marked to facilitate installation
- Includes ripcord

## Applications:

- Intercom systems
- Background music
- Audio systems
- Power-limited control circuits
- Suggested voltage rating: 150 volts

## Compliances:

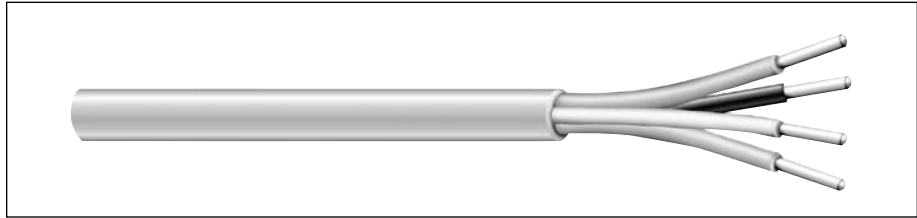
- NEC Article 725 (UL: 75°C, 150V)
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

## Features:

- Flexible
- Easy to terminate

## Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM.* C-C CAP. pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	

### 22 AWG CONDUCTORS

<b>C3115</b>	2	22	7/32 TC	0.008	0.20	0.015	0.38	0.122	3.10	30.0
<b>C3116</b>	4	22	7/32 TC	0.008	0.20	0.015	0.38	0.141	3.58	30.0

### 18 AWG CONDUCTORS

<b>C3110</b>	2	18	Solid BC	0.008	0.20	0.015	0.38	0.142	3.61	37.0
<b>C3114</b>	3	18	Solid BC	0.008	0.20	0.015	0.38	0.151	3.84	37.0
<b>C3111</b>	4	18	Solid BC	0.008	0.20	0.015	0.38	0.166	4.22	37.0
<b>C3117</b>	5	18	Solid BC	0.008	0.20	0.015	0.38	0.182	4.62	37.0
<b>C3118</b>	6	18	Solid BC	0.008	0.20	0.015	0.38	0.199	5.05	37.0
<b>C3119</b>	8	18	Solid BC	0.008	0.20	0.015	0.38	0.216	5.49	37.0
<b>C3112</b>	2	18	7/26 BC	0.008	0.20	0.015	0.38	0.156	3.96	35.0
<b>C3120</b>	3	18	7/26 BC	0.008	0.20	0.015	0.38	0.166	4.22	35.0
<b>C3113</b>	4	18	7/26 BC	0.008	0.20	0.015	0.38	0.182	4.62	35.0
<b>C3125</b>	5	18	7/26 BC	0.008	0.20	0.015	0.38	0.200	5.08	54.6
<b>C3121</b>	6	18	7/26 BC	0.008	0.20	0.015	0.38	0.216	5.49	35.0
<b>C3122</b>	8	18	7/26 BC	0.008	0.20	0.015	0.38	0.239	6.07	35.0
<b>C3123</b>	10	18	7/26 BC	0.008	0.20	0.015	0.38	0.278	7.06	35.0
<b>C3124</b>	12	18	7/26 BC	0.008	0.20	0.015	0.38	0.287	7.29	35.0

### 16 AWG CONDUCTORS

<b>C3127</b>	2	16	19/.0117 BC	.009	.227	0.015	0.38	0.178	4.52	40.0
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### 14 AWG CONDUCTORS

<b>C3128†</b>	2	14	19/.0147 BC	0.010	0.20	0.015	0.38	0.212	5.38	40.0
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### 12 AWG CONDUCTORS

<b>C3129†</b>	2	12	19/.0185 BC	0.010	0.20	0.015	0.38	0.254	6.45	43.0
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\*Capacitance between conductors

†CL3P only

## Color Code Chart

NO. OF COND.	COLOR
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow