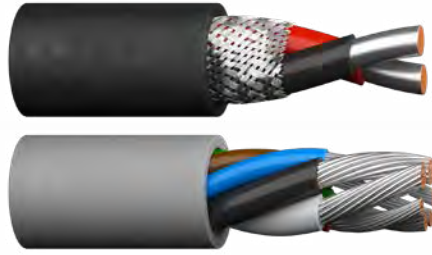


Communication & Control Cable, Multi-Conductor



The multi-conductor array of communication and control cable facilitates cable pull-ins and single-site installations.

This cable is typically used for industrial equipment control, electric valve actuation and remote signaling, as well as communications and broadcast applications. These designs are available in a wide variety of insulation and jacketing materials, as well as shield designs to alleviate unwanted circuit noise.

Prysmian's CAROL® Brand products are manufactured to meet the latest UL, CSA and NEC requirements and approvals.

A Design To Meet Every Application

PVC/PVC designs employ polyvinyl chloride insulations and jackets capable of meeting everyday, general purpose applications.

PE or PP/PVC designs employ high quality polyethylene or polypropylene insulations to assure faithful reproduction of transmitted signals across interconnection circuits.

Foamed PP/PVC designs use high speed, foamed polypropylene insulations for long-distance critical circuits, which would not perform if higher loss insulations were employed.

FEP/FEP designs employ fluoropolymer 200°C-rated materials. They are recommended for use in applications where high temperature, plenum rating, electrical and mechanical safety and chemical resistance are essential.

Rubber/Rubber is typically employed in installations characterized as severely hostile environments, where these designs provide unsurpassed service life.

Rubber/Carolprene® offers the ultimate performance for applications that demand the greatest protection from the environment, including physical abuse. The specially formulated Carolprene® jacket has been proven time and again to withstand all types of abuse, both mechanical and chemical.

Multi-Conductor, Unshielded

UL 2464, NEC/CEC Type CMG UL/CSA**

Product Construction:

Conductor:

- Fully annealed tinned copper per ASTM B33 (C4311A)

Insulation:

- Premium-grade, color-coded PVC

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

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

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- Sunlight Resistant

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
				in	mm	in	mm	in	mm		
C4311A	2	20	Solid	0.010	0.25	0.032	0.81	0.166	4.22	Black/Red	28.0

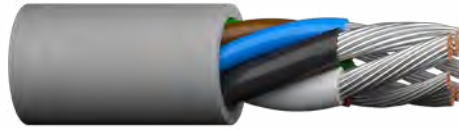
*Capacitance between conductors

**CSA or c(UL)

Data subject to change.

Multi-Conductor, Unshielded

UL 2464, NEC/CEC Type CMG UL/CSA**



Product Construction:

Conductor:

- 22 thru 18 fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

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

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- Sunlight Resistant

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
				in	mm	in	mm	in	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
 **CSA or c(UL)
 Data subject to change.

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	Purple

Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC/CEC Type CMG UL/CSA**

Product Construction:

Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

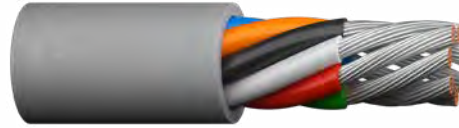
- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- UL Style 2576 (UL: 80°C, 150 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- Sunlight Resistant

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
				in	mm	in	mm	in	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

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART 1

For cables up to and including 12 conductors

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

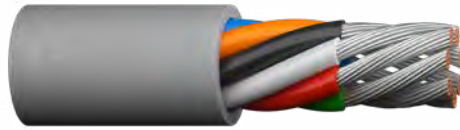
COLOR CODE CHART 2 PER ICEA

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, UL 2576, NEC/CEC Type CMG UL/CSA**



Product Construction:

Conductor:

- 22 AWG fully annealed, stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°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: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- UL Style 2576 (UL: 80°C, 150 V)
- CSA CMG (CSA 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- Sunlight Resistant

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
				in	mm	in	mm	in	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	0.182	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

**CSA or c(UL)

†CM-CSA CMG Only

Data subject to change.

COLOR CODE CHART 1

For cables up to and including 12 conductors

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



Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC/CEC Type CMG UL/CSA**

Product Construction:

Conductor:

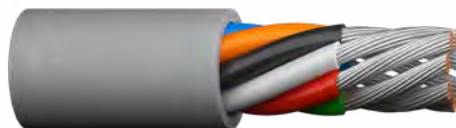
- 20 or 18 AWG fully annealed stranded, tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°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: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- UL Style 2576 (UL: 80°C, 150 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- Sunlight Resistant

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
				in	mm	in	mm	in	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

**CSA or c(UL)

†CM (UL) c(UL), CSA CMG Only

Data subject to change.

COLOR CODE CHART 1

For cables up to and including 9 conductors

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

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



Multi-Conductor, Unshielded

UL 2464, UL 2587, NEC Type CL3, NEC/CEC Type CMG UL/CSA**



Product Construction:

Conductor:

- 16 thru 12 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°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: 105°C)
- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- UL Style 2587 (UL: 80°C, 600 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- Sunlight Resistant

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
				in	mm	in	mm	in	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	0.032	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

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART PER ICEA

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



Multi-Conductor, Unshielded

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

Product Construction:

Conductor:

- 22 thru 14 AWG fully annealed stranded tinned or bare copper per ASTM B3, B8 or B33

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
- Abrasion-, chemical- and water-resistant
- 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, 150 V)
- NEC Article 800 (UL: 75°C, 300 V)
- Designed to meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications

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
				in	mm	in	mm	in	mm	
C3105†	2	22	7/30 TC	0.006	0.15	0.010	0.25	0.089	2.26	29.0
C3106†	4	22	7/30 TC	0.006	0.15	0.010	0.25	0.121	3.07	29.0
C3102	2	18	7/26 BC	0.008	0.20	0.010	0.25	0.123	3.12	31.0
C3190	3	18	7/26 BC	0.008	0.20	0.010	0.25	0.143	3.63	31.0
C3103	4	18	7/26 BC	0.008	0.20	0.010	0.25	0.163	4.14	31.0
C3134	5	18	7/26 BC	0.008	0.20	0.010	0.25	0.187	4.75	30.8
C3192	6	18	7/26 BC	0.008	0.20	0.010	0.25	0.198	5.03	31.0
C3191	8	18	7/26 BC	0.008	0.20	0.010	0.25	0.223	5.66	31.0
C3178	10	18	7/26 BC	0.008	0.20	0.010	0.25	0.244	6.19	31.0
C3179	12	18	7/26 BC	0.008	0.20	0.010	0.25	0.263	6.68	31.0
C3193	2	16	19/0117 BC	0.008	0.20	0.010	0.25	0.141	3.58	33.0
C3194	3	16	7/0192 BC	0.008	0.20	0.010	0.25	0.164	4.17	33.0
C3195	4	16	7/0192 BC	0.008	0.20	0.010	0.25	0.187	4.75	33.0
C3126†	2	14	19/0147 BC	0.010	0.25	0.010	0.25	0.168	4.27	35.0
C3135†	2	12	19/0185 BC	0.010	0.25	0.010	0.25	0.238	6.05	37.0

*Capacitance between conductors

†CL2P only

Data subject to change.

COLOR CODE CHART

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



Designed to Meet
NFPA 262 and CSA FT6
Steiner Tunnel Fire Tests
for Plenum Applications

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 B3, B8 or B33

Insulation:

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

Jacket:

- Flexguard® PVC, 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, 150 V)
- NEC Article 800 (UL: 75°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Designed to meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications

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
				in	mm	in	mm	in	mm	

22 AWG CONDUCTORS

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

18 AWG CONDUCTORS

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

16 AWG CONDUCTORS

C3127	2	16	19/0117 BC	.009	.227	0.015	0.38	0.178	4.52	40.0
--------------	---	----	------------	------	------	-------	------	-------	------	------

14 AWG CONDUCTORS

C3128†	2	14	19/0147 BC	0.010	0.20	0.015	0.38	0.212	5.38	40.0
---------------	---	----	------------	-------	------	-------	------	-------	------	------

12 AWG CONDUCTORS

C3129†	2	12	19/0185 BC	0.010	0.20	0.015	0.38	0.254	6.45	43.0
---------------	---	----	------------	-------	------	-------	------	-------	------	------

*Capacitance between conductors

†CL3P only

Data subject to change.

COLOR CODE CHART

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



Designed to Meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications
Underwriters Laboratories Inc.



Multi-Conductor, Unshielded

AWM Style 2464, CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US)



Product Construction:

Conductor:

- 20 or 18 AWG fully annealed, stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 or 600 volts

Compliances:

- AWM Style 2464 (UL: 80°C, 300 V)
- CSA Type AWM (105°C, 600 V)
- CSA Certified CMG to harmonized standard UL 444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 vertical 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
				in	mm	in	mm	in	mm		
C4117A	2	20	7/28	0.016	0.30	0.032	0.81	0.206	4.67	Black/Red	31.0
C4118A	3	20	7/28	0.016	0.30	0.032	0.81	0.216	4.90	1	31.0
C4119A	4	20	7/28	0.016	0.30	0.032	0.81	0.235	5.31	1	31.0
C4120A	5	20	7/28	0.016	0.30	0.032	0.81	0.254	5.74	1	31.0
C4121A	7	20	7/28	0.016	0.30	0.032	0.81	0.275	6.20	1	31.0
C4122A	9	20	7/28	0.016	0.30	0.032	0.81	0.317	7.14	1	31.0
C4123A	12	20	7/28	0.016	0.30	0.032	0.81	0.354	7.95	2	31.0
C4124A	15	20	7/28	0.016	0.30	0.032	0.81	0.392	8.36	2	31.0
C4125A	2	18	16/30	0.016	0.30	0.032	0.81	0.224	5.13	Black/Red	34.0
C4214A	2	18	16/30	0.016	0.30	0.032	0.81	0.224	5.13	1	34.0
C4126A	3	18	16/30	0.016	0.30	0.032	0.81	0.236	5.41	1	34.0
C4127A	4	18	16/30	0.016	0.30	0.032	0.81	0.258	5.87	1	34.0
C4128A	5	18	16/30	0.016	0.30	0.032	0.81	0.280	6.35	1	34.0
C4206A	6	18	16/30	0.016	0.30	0.032	0.81	0.304	6.76	1	34.0
C4129A	7	18	16/30	0.016	0.30	0.032	0.81	0.309	6.88	1	34.0
C4130A	9	18	16/30	0.016	0.30	0.032	0.81	0.358	7.98	1	34.0
C4131A	12	18	16/30	0.016	0.30	0.032	0.81	0.401	8.92	2	34.0
C4132A	15	18	16/30	0.016	0.30	0.032	0.81	0.445	9.86	2	34.0
C4133A	19	18	16/30	0.016	0.30	0.032	0.81	0.469	10.39	2	34.0
C4134A	25	18	16/30	0.016	0.30	0.032	0.81	0.549	12.14	2	34.0

*Capacitance between conductors
Data subject to change.

COLOR CODE CHART 1

For cables up to and including 9 conductors

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

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

Multi-Conductor, Unshielded

AWM Styles 2464, 2587, CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US), or NEC Type CL2



Product Construction:

Conductor:

- 16 thru 12 AWG fully annealed, stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 or 600 volts

Compliances:

- AWM Style 2464 (UL: 80°C, 300 V)
- AWM Style 2587 (UL: 90°C, 600 V)
- CSA Type AWM (105°C, 600 V)
- CSA Certified CMG to harmonized standard UL 444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 Vertical Flame Test
- UL Certified CL2 to Standard UL 13

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
				in	mm	in	mm	in	mm	

AWM STYLE 2464, CSA TYPE AWM, CSA C/US TYPE CMG

C4135A	2	16	19/0117	0.021	0.53	0.032	0.81	0.268	6.81	27.0
C4136A	3	16	19/0117	0.021	0.53	0.032	0.81	0.283	7.19	27.0
C4137A	4	16	19/0117	0.021	0.53	0.032	0.81	0.306	7.77	27.0
C4138A	5	16	19/0117	0.021	0.53	0.032	0.81	0.334	8.48	27.0
C4139A	7	16	19/0117	0.021	0.53	0.032	0.81	0.364	9.25	27.0
C4140A	8	16	19/0117	0.021	0.53	0.032	0.81	0.395	10.03	27.0
C4141A	9	16	19/0117	0.021	0.53	0.032	0.81	0.425	10.80	27.0
C4142A	12	16	19/0117	0.021	0.53	0.032	0.81	0.479	12.17	27.0
C4143A	15	16	19/0117	0.021	0.53	0.032	0.81	0.530	13.46	27.0
C4144A	19	16	19/0117	0.021	0.53	0.032	0.81	0.564	14.33	27.0
C4145A	25	16	19/0117	0.021	0.53	0.032	0.81	0.657	16.69	27.0

AWM STYLE 2587, CSA TYPE AWM (FT4), NEC TYPE CL2**

C4146A	2	14	19/0147	0.032	0.81	0.032	0.81	0.334	8.48	25.0
C4147A	4	14	19/0147	0.032	0.81	0.032	0.81	0.391	9.93	25.0
C4148A	5	14	19/0147	0.032	0.81	0.032	0.81	0.428	10.87	25.0
C4149A	7	14	19/0147	0.032	0.81	0.032	0.81	0.469	11.91	25.0
C4150A	2	12	19/0185	0.032	0.81	0.032	0.81	0.370	9.40	29.4
C4151A	4	12	19/0185	0.032	0.81	0.032	0.81	0.434	11.02	29.4

* Capacitance between conductors
Data subject to change.

COLOR CODE CHART 2 PER ICEA

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

Multi-Conductor, Unshielded

AWM Style 2464, CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US)

Product Construction:

Conductor:

- 22 AWG fully annealed, stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C



Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 or 600 volts

Compliances:

- AWM Style 2464 (UL: 80°C, 300 V)
- CSA Type AWM (105°C, 600 V)
- CSA Certified CMG to harmonized standard UL 444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 vertical 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
				in	mm	in	mm	in	mm		
C4100A	2	22	7/30	0.011	0.28	0.032	0.81	0.165	4.19	Black/Red	27.5
C4101A	3	22	7/30	0.011	0.28	0.032	0.81	0.176	4.47	Black/Red/Green	27.5
C4102A	4	22	7/30	0.011	0.28	0.032	0.81	0.189	4.80	1	27.5
C4103A	5	22	7/30	0.011	0.28	0.032	0.81	0.203	5.16	1	27.5
C4104A	6	22	7/30	0.011	0.28	0.032	0.81	0.208	5.28	1	27.5
C4105A	7	22	7/30	0.011	0.28	0.032	0.81	0.218	5.54	1	27.5
C4106A	8	22	7/30	0.011	0.28	0.032	0.81	0.234	5.94	1	27.5
C4107A	9	22	7/30	0.011	0.28	0.032	0.81	0.249	6.32	1	27.5
C4108A	10	22	7/30	0.011	0.28	0.032	0.81	0.268	6.81	1	27.5
C4109A	12	22	7/30	0.011	0.28	0.032	0.81	0.276	7.01	1	27.5
C4110A	15	22	7/30	0.011	0.28	0.032	0.81	0.303	7.70	2	27.5
C4111A	18	22	7/30	0.011	0.28	0.032	0.81	0.318	8.08	2	27.5
C4112A	20	22	7/30	0.011	0.28	0.032	0.81	0.334	8.48	2	27.5
C4113A	25	22	7/30	0.011	0.28	0.032	0.81	0.368	9.35	2	27.5
C4114A	30	22	7/30	0.011	0.28	0.032	0.81	0.389	9.88	2	27.5
C4115A	40	22	7/30	0.011	0.28	0.032	0.81	0.434	11.02	2	27.5
C4116A	50	22	7/30	0.011	0.28	0.032	0.81	0.489	12.42	2	27.5

*Capacitance between conductors
Data subject to change.

COLOR CODE CHART

For cables up to and including 12 conductors

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

Multi-Conductor, Unshielded

CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US)



Product Construction:

Conductor:

- 22 thru 14 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C
- Includes ripcord

Applications:

- Public address systems
- Intercoms
- Internal telephones
- Suggested voltage rating: 300 or 600 volts

Compliances:

- CSA Type AWM (105°C, 600 V)
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 Vertical Flame Test

Packaging:

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		COLOR CODE	NOM C-C. CAP. pF/ft
				in	mm	in	mm	in	mm		
CSA TYPE AWM, CSA C/US TYPE CMG											
C6700A	2	22	7/30	0.011	0.28	0.016	0.41	0.134	3.40	2	23.5
C6701A	3	22	7/30	0.011	0.28	0.016	0.41	0.142	3.61	2	23.5
C6702A	4	22	7/30	0.011	0.28	0.016	0.41	0.155	3.94	2	23.5
C6704A	6	22	7/30	0.011	0.28	0.016	0.41	0.185	4.70	2	23.5
C6717A	2	20	7/28	0.011	0.28	0.016	0.41	0.148	3.76	2	25.7
C6718A	4	20	7/28	0.011	0.28	0.016	0.41	0.157	3.99	2	25.7
C6725A	2	18	16/30	0.012	0.30	0.016	0.41	0.172	4.37	1	27.3
C6714A	2	18	16/30	0.012	0.30	0.016	0.41	0.172	4.37	2	27.3
C6726A	3	18	16/30	0.012	0.30	0.016	0.41	0.183	4.65	2	27.3
C6727A	4	18	16/30	0.012	0.30	0.016	0.41	0.201	5.11	2	27.3
C6706A	6	18	16/30	0.012	0.30	0.016	0.41	0.242	6.15	2	27.3
C6735A	2	16	19/0117	0.012	0.30	0.016	0.41	0.192	4.88	2	29.4
C6736A	3	16	19/0117	0.012	0.30	0.016	0.41	0.204	5.18	2	29.4
C6737A	4	16	19/0117	0.012	0.30	0.016	0.41	0.226	5.74	2	29.4
CSA TYPE AWM (FT4)											
C6746A	2	14	19/0147	0.015	0.38	0.016	0.41	0.234	5.94	2	30.8
C6747A	4	14	19/0147	0.015	0.38	0.016	0.41	0.276	7.01	2	30.8

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Data subject to change.

COLOR CODE CHART 1

NO. OF COND.	COLOR
1	Black
2	White

COLOR CODE CHART 2

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

Power-Limited Tray Cable, Unshielded

NEC Type PLTC, NEC/CEC Type CMG UL/CSA**

Product Construction:

Conductor:

- 22 thru 12 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- PVC, gray
- Sunlight-resistant
- Temperature range: -20°C to +105°C

Applications:

- Cable tray installations
- Power limited circuits
- Intercom systems
- Business machines
- Cash registers
- Automatic valve control systems
- Irrigation systems
- Suggested voltage rating: 300 volts
- Burglar alarms

Features:

- UL rated for cable tray use

Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C, 300 V)
- NEC/CEC Type CMG (UL/CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

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
				in	mm	in	mm	in	mm	
C0431A	2	22	7/30	0.013	0.33	0.037	0.94	0.185	4.70	27.5
C0432A	3	22	7/30	0.013	0.33	0.037	0.94	0.193	4.90	27.5
C0433A	2	20	7/28	0.013	0.33	0.037	0.94	0.198	5.03	30.5
C0434A	3	20	7/28	0.013	0.33	0.037	0.94	0.208	5.28	30.5
C0435A	2	18	16/30	0.013	0.33	0.037	0.94	0.216	5.49	32.5
C0436A	3	18	16/30	0.013	0.33	0.037	0.94	0.227	5.77	32.5
C0444A	4	18	16/30	0.013	0.33	0.037	0.94	0.245	6.22	32.5
C0437A	2	16	19/0117	0.013	0.33	0.037	0.94	0.238	6.05	37.0
C0438A	3	16	19/0117	0.013	0.33	0.037	0.94	0.250	6.35	37.0
C0439A*	2	14	19/0147	0.013	0.33	0.042	1.07	0.278	7.06	40.5
C0440A*	3	14	19/0147	0.013	0.33	0.042	1.07	0.293	7.44	40.5
C0441A*	2	12	19/0185	0.013	0.33	0.042	1.07	0.315	8.00	44.0

*NEC Type PLTC Only

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART

NO. OF COND.	COLOR
1	Black
2	Red
3	White
4	Green

Multi-Conductor, Foil Shield

NEC Type CL2 and CM (UL) c(UL) CMH



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.*** pF/ft		
				in	mm	in	mm	in	mm	A	B	
UL STYLE 2092, CM (UL) c(UL) CMH, 300 V												
C2513A	2	24	7/32	0.016	0.41	0.026	0.66	0.167	4.24	18.0	33.0	
C2514A	2	22	7/30	0.016	0.41	0.020	0.51	0.167	4.24	20.0	36.0	
C2524A	2	20	7/28	0.016	0.41	0.020	0.51	0.183	4.65	22.5	40.5	
C2534A	2	18	16/30	0.016	0.41	0.020	0.51	0.201	5.21	25.5	45.5	

Polyethylene Insulation, Color Code Chart #1

UL STYLE 2093, CM (UL) c(UL) CMH, 300 V												
C2526A	3	22	7/30	0.016	0.41	0.030	0.76	0.196	4.98	18.5	33.5	
C2528A	3	20	7/28	0.016	0.41	0.030	0.76	0.210	5.34	21.0	37.5	
C2525A	3	20	7/28	0.016	0.41	0.030	0.76	0.213	5.41	21.0	37.0	
C2535A	3	18	16/30	0.016	0.41	0.020	0.51	0.213	5.56	23.0	41.0	

Polyethylene Insulation, Color Code Chart #1

UL STYLE 2094, CM (UL) c(UL) CMH, 300 V												
C2523A	4	22	7/30	0.016	0.41	0.030	0.76	0.213	5.41	18.5	33.5	
C2555A	4	20	7/28	0.016	0.41	0.030	0.76	0.234	5.94	20.5	36.5	

Polyethylene Insulation, Color Code Chart #1

UL STYLE 2311, CSA, 600 V												
C2536A*	2	16	19.0117	0.031	0.79	0.032	0.81	0.307	7.80	20.0	36.0	
C2538A**	2	14	19.0147	0.031	0.79	0.032	0.81	0.335	8.51	23.0	42.0	
C2539A**	2	12	19.0185	0.032	0.81	0.032	0.81	0.376	9.55	26.0	46.0	

* CM (UL) c(UL) CMH

** CL2

Polyethylene Insulation, Color Code Chart #1

UL STYLE 2464, CL2/CM (UL) c(UL) CMH, 300 V												
C2540A	2	20	7/28	0.013	0.33	0.032	0.81	0.194	4.9	49.7	89.5	

PVC Insulation, Color Code Chart #2

CM (UL) c(UL) CMH, 300 V												
C2515A	2	22	Solid	0.007	0.18	0.020	0.51	0.124	3.15	30.0	55.0	
C2516A	2	22	7/30	0.008	0.20	0.020	0.51	0.137	3.48	28.0	51.0	
C2517A	3	22	7/30	0.008	0.20	0.020	0.51	0.144	3.36	25.0	45.0	

Polypropylene Insulation, Color Code Chart #2

***A – Capacitance between conductors

***B – Capacitance between one conductor and other conductors connected to shield

COLOR CODE CHART 1

NO. OF COND.	COLOR
1	Black
2	Natural
3	Red
4	Green

COLOR CODE CHART 2

NO. OF COND.	COLOR
1	Black
2	Red
3	Neutral

Product Construction:

Conductor:

- 24 thru 12 AWG fully annealed solid or stranded tinned copper per ASTM B33

Insulation:

- Premium-grade, color-coded polyethylene
- Premium-grade, color-coded polypropylene
- Color code: See charts below

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

Applications:

- Recording studios and sound stages
- Broadcast and sound systems
- Computers
- Industrial equipment control
- Suggested voltage rating: 300 or 600 volts

Compliances:

- UL Style 2092 (UL: 60°C, 300 V)
- UL Style 2093 (UL: 60°C, 300 V)
- UL Style 2094 (UL: 60°C, 300 V)
- UL Style 2106 (UL: 60°C, 600 V)
- UL Style 2107 (UL: 60°C, 600 V)
- UL Style 2464 (UL: 80°C, 300 V)
- NEC Article 725 Type CL2 (UL: 75°C)
- NEC Article 800 Type CM (UL: 75°C)
- RoHS Compliant Directive 2011/65/EU
- CSA CMH (CSA: 60°C)
- Passes CSA CMH Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

Packaging:

- Please contact Customer Service for packaging and color options
- Data subject to change.

Multi-Conductor, Foil Shield

UL 2092, NEC Type CM (UL) c(UL) CMH

Product Construction:

Conductor:

- 22 thru 18 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

- Premium-grade, color-coded polyethylene or polypropylene
- Color code: See charts below

Shield:

- 100% aluminum/polyester foil "bonded" to jacket, foil facing in
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

Applications:

- Control circuits
- Data and signal transmission
- Computer interconnections
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2092 (UL: 60°C, 300 V)
- CSA CMH (CSA: 60°C)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMH 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. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B

UL STYLE 2092, CM (UL) C(UL) CMH, 300 V

C2518A	2	22	7/30	0.016	0.41	0.026	0.66	0.181	4.60	20.0	36.0
C2519A	2	20	7/28	0.016	0.41	0.028	0.71	0.201	5.11	21.5	38.5
C2521A	2	18	16/30	0.018	0.46	0.028	0.71	0.229	5.82	23.5	43.0

Polyethylene Insulation, Color Code Chart #1

CM (UL) C(UL) CMH, CSA CMG, 300 V

C2520A	2	22	7/30	0.008	0.20	0.020	0.51	0.137	3.48	28.0	50.0
---------------	---	----	------	-------	------	-------	------	-------	------	------	------

Polypropylene Insulation, Color Code Chart #2

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Data subject to change.

COLOR CODE CHART 1

NO. OF COND.	COLOR
1	Black
2	Neutral

COLOR CODE CHART 2

NO. OF COND.	COLOR
1	Black
2	Red

Multi-Conductor, Foil Shield

UL 2464, NEC/CEC Type CMG UL/CSA**



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B
C2543A	4	18	19/30	0.010	0.25	0.032	0.81	0.238	6.05	47	84.5

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART

NO. OF COND.	COLOR
1	Black
2	Red
3	White
4	Green

Product Construction:

Conductor:

- 18 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Audio, broadcast, instrumentation and sound systems
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2464 (UL: 105°C, 300 V)
- CSA CMG (105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test

Packaging:

- Please contact Customer Service for packaging and color options

Multi-Conductor, Foil Shield

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



Product Construction:

Conductor:

- 22 thru 16 AWG fully annealed stranded tinned or bare copper per ASTM B3, B8 or B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester foil with 25% overlap, minimum
- Stranded tinned copper drain wire

Jacket:

- Flexguard® PVC, 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: 300 volts

Compliances:

- NEC Article 725 (UL: 75°C, 150 V)
- NEC Article 800 (UL: 75°C, 300 V)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications

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. CAP.*	
				in	mm	in	mm	in	mm	A	B
C3158	2	22	7/30 TC	0.008	0.20	0.015	0.38	0.127	3.23	51.0	91.0
C3159	4	22	7/30 TC	0.008	0.20	0.015	0.38	0.146	3.71	45.0	81.0
C3060	2	18	Solid BC	0.008	0.20	0.015	0.38	0.148	3.76	67.0	120.0
C3061	4	18	Solid BC	0.008	0.20	0.015	0.38	0.171	4.34	58.0	104.0
C3062	2	18	7/26 BC	0.008	0.20	0.015	0.38	0.164	4.17	61.0	110.0
C3064	3	18	7/26 BC	0.008	0.20	0.015	0.38	0.169	4.29	53.0	96.0
C3063	4	18	7/26 BC	0.008	0.20	0.015	0.38	0.185	4.70	53.0	96.0
C3065	6	18	7/26 BC	0.010	0.25	0.015	0.38	0.230	5.84	48.0	86.0
C3183	10	18	7/26 BC	0.010	0.25	0.015	0.38	0.295	7.49	47.0	84.0
C3184	12	18	7/26 BC	0.010	0.25	0.015	0.38	0.308	7.82	52.5	94.6
C3068	2	16	19/0117 BC	0.009	0.23	0.015	0.38	0.187	4.75	75.0	134.0

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield
Data subject to change.

COLOR CODE CHART 1

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

Multi-Conductor, Foil Shield

Various AWM Styles, CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US), NEC Type CL2



Product Construction:

Conductor:

- 24 thru 12 AWG fully annealed solid or stranded tinned copper per ASTM B33

Insulation:

- Premium-grade, color-coded polypropylene
- Color code: See charts below

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

Jacket:

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

Applications:

- Recording studios and sound stages
- Broadcast and sound systems
- Computers
- Industrial equipment control
- Suggested voltage rating: 300 or 600 volts

Compliances:

- AWM Style 2772 (UL: 60°C, CSA Type AWM (80°C, 600 V))
- CSA Certified CMG to harmonized standard UL 444 and CSA 22.2 No. 214
- NEC Type CL2/CEC Type CMG (CSA: 75°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 Vertical 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. CAP.*	
				in	mm	in	mm	in	mm	A	B

AWM STYLE 2772, CSA TYPE AWM, CSA C/US TYPE CMG

C4152A	2	24	7/32	0.016	0.41	0.030	0.66	0.167	4.24	23.0	42.0
C4153A	2	22	7/30	0.016	0.41	0.030	0.66	0.179	4.55	21.0	38.0
C4154A	2	20	7/28	0.016	0.41	0.030	0.76	0.203	5.16	22.0	40.0
C4155A	2	18	16/30	0.018	0.46	0.030	0.76	0.233	5.92	24.0	43.0
C4156A	3	22	7/30	0.016	0.41	0.030	0.76	0.196	4.98	25.0	45.0
C4157A	3	20	7/28	0.016	0.41	0.030	0.76	0.210	5.33	27.0	51.0
C4158A	3	20	7/28	0.016	0.41	0.030	0.76	0.213	5.41	29.0	52.0
C4159A	3	18	16/30	0.018	0.46	0.030	0.76	0.247	6.27	22.0	40.0
C4160A	4	22	7/30	0.016	0.41	0.030	0.76	0.213	5.41	23.0	42.0
C4161A	4	20	7/28	0.016	0.41	0.030	0.76	0.234	5.94	26.0	74.0

Color Code Chart #1

AWM STYLE 2311, CSA TYPE AWM, CSA C/US TYPE CMG

C4162A	2	16	19/0117	0.032	0.81	0.032	0.81	0.307	7.80	27.0	49.0
---------------	---	----	---------	-------	------	-------	------	-------	------	------	------

Color Code Chart #1

NEC TYPE CL2, AWM STYLE 2464, CSA TYPE AWM

C4163A	2	14	41/30	0.020	0.51	0.032	0.81	0.298	7.57	31.0	56.0
---------------	---	----	-------	-------	------	-------	------	-------	------	------	------

Color Code Chart #3

NEC TYPE CL2, AWM STYLE 2311, CSA TYPE AWM

C4164A	2	12	19/0185	0.032	0.81	0.040	1.02	0.390	9.90	35.0	63.0
---------------	---	----	---------	-------	------	-------	------	-------	------	------	------

Color Code Chart #1

AWM STYLE 2094, CSA TYPE AWM, CSA C/US TYPE CMG

C4167A	2	22	Solid	0.016	0.18	0.020	0.51	0.124	3.15	40.0	76.0
C4168A	2	22	7/30	0.016	0.20	0.020	0.51	0.137	3.48	34.0	67.0
C4169A	3	22	7/30	0.016	0.20	0.020	0.51	0.144	3.66	32.0	60.0

Polyethylene Insulation, Color Code Chart #2

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Data subject to change.

COLOR CODE CHART 1

NO. OF COND.	COLOR
1	Black
2	Natural
3	Red
4	Green

COLOR CODE CHART 2

NO. OF COND.	COLOR
1	Black
2	Red
3	Clear

COLOR CODE CHART 3

NO. OF COND.	COLOR
1	Black
2	White

Multi-Conductor, Foil Shield

AWM Styles 2464, CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US), or NEC Type CL2



Product Construction:

Conductor:

- 22 thru 12 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Recording studios and sound stages
- Broadcast and sound systems
- Industrial equipment control
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 or 600 volts

Compliances:

- AWM Style 2464 (UL: 80°C, 300 V)
- CSA Type AWM (105°C, 600 V)
- CSA Certified CMG to harmonized standard UL 444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 Vertical Flame Test
- UL Certified CL2 to Standard UL 13
- Sunlight Resistant

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. CAP.* pF/ft	
				in	mm	in	mm	in	mm		A	B

AWM STYLE 2464, CSA TYPE AWM, CSA C/US TYPE CMG

C4192A	2	22	7/30	0.011	0.28	0.032	0.81	0.171	4.34	1	47.0	85.0
C4210A	2	22	7/30	0.011	0.28	0.032	0.81	0.171	4.34	2	47.0	85.0
C4193A	3	22	7/30	0.011	0.28	0.032	0.81	0.179	4.55	2	43.0	76.0
C4194A	4	22	7/30	0.011	0.28	0.032	0.81	0.192	4.88	2	43.0	76.0
C4207A	6	22	7/30	0.011	0.28	0.032	0.81	0.218	5.54	2	43.0	76.0
C4208A	8	22	7/30	0.011	0.28	0.032	0.81	0.238	6.05	2	43.0	76.0
C4166A	2	20	7/28	0.012	0.30	0.032	0.81	0.189	4.80	1	46.0	83.0
C4211A	2	20	7/28	0.012	0.30	0.032	0.81	0.189	4.80	2	46.0	83.0
C4195A	3	20	7/28	0.012	0.30	0.032	0.81	0.200	5.08	2	42.0	75.0
C4196A	4	20	7/28	0.012	0.30	0.032	0.81	0.216	5.49	2	42.0	75.0
C4197A	2	18	16/30	0.012	0.30	0.032	0.81	0.205	5.20	1	51.0	92.0
C4212A	2	18	16/30	0.012	0.30	0.032	0.81	0.205	5.20	2	51.0	92.0
C4198A	3	18	16/30	0.012	0.30	0.032	0.81	0.214	5.44	2	46.0	83.0
C4204A	4	18	16/30	0.012	0.30	0.032	0.81	0.236	5.99	2	46.0	83.0
C4205A	6	18	16/30	0.012	0.30	0.032	0.81	0.271	6.88	2	46.0	83.0
C4199A	2	16	19/0117	0.012	0.30	0.032	0.81	0.229	5.82	1	62.0	112.0
C4213A	2	16	19/0117	0.012	0.30	0.032	0.81	0.229	5.82	2	62.0	112.0
C4200A	3	16	19/0117	0.012	0.30	0.032	0.81	0.241	6.12	2	58.0	104.0

AWM STYLE 2464, CSA TYPE AWM (FT4), NEC TYPE CL2*

C4201A	2	14	19/0147	0.015	0.38	0.032	0.81	0.271	6.88	1	60.0	107.0
C4215A	2	14	19/0147	0.015	0.38	0.032	0.81	0.271	6.88	2	60.0	107.0
C4202A	2	12	19/0185	0.015	0.38	0.032	0.81	0.307	7.80	1	64.0	116.0

*A - Capacitance between conductors

*B - Capacitance between one conductor and other conductors connected to shield

Data subject to change.

COLOR CODE CHART 1

NO. OF COND.	COLOR
1	Black
2	Red

COLOR CODE CHART 2

For cables up to and including 9 conductors

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

Multi-Conductor, Foil Shield

AWM Style 2464, CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US)



Product Construction:

Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester with 25% overlap, foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Computer interconnections
- Data transmission
- Control circuits
- Industrial equipment control
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 or 600 volts

Compliances:

- AWM Style 2464 (UL: 80°C, 300 V)
- CSA Type AWM (105°C, 600 V)
- CSA Certified CMG to harmonized standard UL 444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 Vertical Flame Test

Packaging:

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft @20°C		NOMINAL CAP.* pF/ft	
				in	mm	in	mm	in	mm	COND.	SHLD.	A	B
AWM STYLE 2464, CSA TYPE AWM, CSA C/US TYPE CMG													
C4216A	2	24	7/32	0.010	0.25	0.032	0.81	0.157	3.99	27.7	18.0	40.0	72.0
C4217A	3	24	7/32	0.010	0.25	0.032	0.81	0.164	4.17	27.7	18.0	36.0	66.0
C4218A	4	24	7/32	0.010	0.25	0.032	0.81	0.175	4.45	27.7	18.0	36.0	66.0
C4219A	5	24	7/32	0.010	0.25	0.032	0.81	0.188	4.78	27.7	16.0	36.0	66.0
C4220A	6	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	27.7	16.0	34.0	61.0
C4221A	7	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	27.7	16.0	34.0	61.0
C4222A	8	24	7/32	0.010	0.25	0.032	0.81	0.215	5.46	27.7	16.0	34.0	61.0
C4223A	9	24	7/32	0.010	0.25	0.032	0.81	0.228	5.79	27.7	16.0	34.0	61.0
C4224A	10	24	7/32	0.010	0.25	0.032	0.81	0.245	6.22	27.7	14.0	34.0	61.0

Color Code Chart #1

C4225A	15	24	7/32	0.010	0.25	0.032	0.81	0.276	7.01	27.7	14.0	34.0	61.0
C4226A	20	24	7/32	0.010	0.25	0.032	0.81	0.303	7.70	27.7	14.0	34.0	61.0
C4227A	25	24	7/32	0.010	0.25	0.032	0.81	0.333	8.46	27.7	12.0	34.0	61.0
C4228A	30	24	7/32	0.010	0.25	0.032	0.81	0.351	8.92	27.7	12.0	34.0	61.0
C4229A	40	24	7/32	0.010	0.25	0.032	0.81	0.391	9.93	27.7	12.0	34.0	61.0
C4230A	50	24	7/32	0.010	0.25	0.032	0.81	0.439	11.15	27.7	10.0	34.0	61.0

Color Code Chart #2

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield
Data subject to change.

COLOR CODE CHART

For cables up to and including 10 conductors

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

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

Multi-Conductor, Foil Shield

CSA Type AWM I/II A/B, NEC/CEC Type CMG (CSA C/US)

Product Construction:

Conductor:

- 22 thru 14 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester foil with 25% overlap, minimum
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C
- Includes ripcord

Applications:

- Recording studios and sound stages
- Broadcast and sound systems
- Suggested voltage rating: 300 or 600 volts

Compliances:

- CSA Type AWM (105°C, 600 V)
- NEC/CEC Type CMG (CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA FT4 Vertical Flame Test

Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		COLOR CODE	NOM. CAP.* pF/ft	
				in	mm	in	mm	in	mm		A	B

CSA TYPE AWM, CSA C/US TYPE CMG

C6892A	2	22	7/30	0.011	0.28	0.016	0.41	0.139	3.53	1	37.7	67.8
C6810A	2	22	7/30	0.011	0.28	0.016	0.41	0.139	3.53	2	37.7	67.8
C6893A	3	22	7/30	0.011	0.28	0.016	0.41	0.147	3.73	2	34.3	61.7
C6894A	4	22	7/30	0.011	0.28	0.016	0.41	0.160	4.06	2	34.3	61.7
C6807A	6	22	7/30	0.011	0.28	0.016	0.41	0.190	4.83	2	31.7	57.0
C6866A	2	20	7/28	0.011	0.28	0.016	0.41	0.153	3.89	1	42.2	76.0
C6811A	2	20	7/28	0.011	0.28	0.016	0.41	0.153	3.89	2	38.0	68.4
C6896A	4	20	7/28	0.011	0.28	0.016	0.41	0.177	4.50	2	34.8	62.7
C6897A	2	18	16/30	0.012	0.30	0.016	0.41	0.175	4.45	1	45.4	81.6
C6812A	2	18	16/30	0.012	0.30	0.016	0.41	0.175	4.45	2	45.4	81.6
C6898A	3	18	16/30	0.012	0.30	0.016	0.41	0.185	4.70	2	40.5	72.9
C6804A	4	18	16/30	0.012	0.30	0.016	0.41	0.204	5.18	2	40.5	72.9
C6805A	6	18	16/30	0.012	0.30	0.016	0.41	0.244	6.20	2	36.9	68.4
C6899A	2	16	19/0117	0.012	0.30	0.016	0.41	0.197	5.00	1	53.6	96.4
C6813A	2	16	19/0117	0.012	0.30	0.016	0.41	0.197	5.00	2	53.6	96.4
C6800A	3	16	19/0117	0.012	0.30	0.016	0.41	0.209	5.31	2	47.0	84.6
C6837A	4	16	19/0117	0.012	0.30	0.016	0.41	0.231	5.87	2	47.0	84.6

CSA TYPE AWM (FT4)

C6801A	2	14	19/0147	0.015	0.38	0.016	0.41	0.239	6.07	1	54.0	97.2
C6815A	2	14	19/0147	0.015	0.38	0.016	0.41	0.239	6.07	2	54.0	97.2

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield
Data subject to change.

COLOR CODE CHART 1

NO. OF COND.	COLOR
1	Black
2	Red

COLOR CODE CHART 2

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

Power-Limited Tray Cable, Foil Shield

NEC Type PLTC, NEC/CEC Type CMG UL/CSA**



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B
C0450A	2	22	7/30	0.013	0.33	0.037	0.94	0.191	4.85	43.0	77.5
C0451A	3	22	7/30	0.013	0.33	0.037	0.94	0.199	5.05	39.5	71.0
C0452A	2	20	7/28	0.013	0.33	0.037	0.94	0.207	5.26	48.5	87.0
C0453A	3	20	7/28	0.013	0.33	0.037	0.94	0.217	5.51	44.0	79.0
C0454A	2	18	16/30	0.013	0.33	0.037	0.94	0.221	5.61	54.5	98.0
C0455A	3	18	16/30	0.013	0.33	0.037	0.94	0.232	5.89	49.0	88.0
C0456A	2	16	19/0117	0.013	0.33	0.037	0.94	0.243	6.17	64.0	115.5
C0457A	3	16	19/0117	0.013	0.33	0.037	0.94	0.255	6.48	56.5	102.0
C0458A**	2	14	19/0147	0.013	0.33	0.042	1.07	0.288	7.32	72.5	131.0
C0459A**	3	14	19/0147	0.013	0.33	0.042	1.07	0.298	7.57	63.0	113.5
C0460A**	2	12	19/0185	0.013	0.33	0.042	1.07	0.315	8.00	80.5	145.0

*NEC Type PLTC Only

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART

NO. OF COND.	COLOR
1	Black
2	Red
3	White

Product Construction:

Conductor:

- 22 thru 12 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Sunlight-resistant
- Temperature range: -20°C to +105°C

Applications:

- Cable tray installations
- Power limited circuits
- Intercom systems
- Business machines
- Cash registers
- Industrial control systems
- Petrochemical refineries
- Suggested voltage rating: 300 volts
- Burglar alarms
- UL tray cable rated

Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C, 300 V)
- NEC/CEC Type CMG (UL/CSA: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

Packaging:

- Please contact Customer Service for packaging and color options

Multi-Conductor, Spiral Shield

UL 2095, NEC Type CL2, NEC/CEC Type CMG UL/CSA**

Product Construction:

Conductor:

- 22 thru 16 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 85% spiral tinned copper

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Electronic circuits where RF shielding is required
- Radio transmitters
- Sound systems
- Recording studios
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2095 (UL: 105°C, 300 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test
- NEC Article 725 Type CL2 (UL: 105°C)

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. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B

UL STYLE 2095, CM (UL) C(UL), CSA CMG, 300 V

C2882A	2	22	7/30	0.015	0.38	0.032	0.81	0.197	5.00	40.0	72.0
C2888A	2	20	7/28	0.016	0.41	0.032	0.81	0.215	5.46	44.0	80.2

Color Code Chart #1

CL2/CM (UL) C(UL), CSA CMG, 300 V

C1335A	3	22	7/30	0.015	0.38	0.032	0.81	0.206	5.23	37.0	67.0
C1337A	4	22	7/30	0.015	0.38	0.032	0.81	0.222	5.64	37.0	67.0
C1341A	6	22	7/30	0.015	0.38	0.032	0.81	0.257	6.53	34.5	62.0
C2768A	3	18	7/26	0.020	0.51	0.032	0.81	0.266	6.76	41.0	74.0

Color Code Chart #1

CM (UL) C(UL), CSA CMG, 300 V

C2892A	2	18	16/30	0.016	0.41	0.032	0.81	0.252	6.40	49.5	89.0
C2895A	2	16	19/0117	0.016	0.41	0.032	0.81	0.265	6.73	58.0	104.0

Color Code Chart #2

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART 1

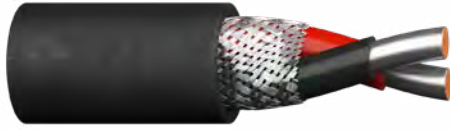
NO. OF COND.	COLOR
1	Black
2	Red
3	White
4	Green
5	Yellow
6	Blue

COLOR CODE CHART 2

CATALOG NUMBER	CONDUCTOR	COLOR
C2892A	1	White
	2	Red
C2895A	1	White
	2	Black

Multi-Conductor, Braid Shield

NEC Type CL2 and CM(UL) c(UL)



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B
C2676A	2	22	Solid	0.015	0.38	0.032	0.81	0.209	5.31	38.6	69.4
C2677A	2	22	7/30	0.015	0.38	0.032	0.81	0.211	5.36	39.3	70.7

A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Data subject to change.

COLOR CODE CHART

NO. OF COND.	COLOR
1	Black
2	Red

Product Construction:

Conductor:

- 22 AWG fully annealed solid or stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 88% tinned copper braid
- Stranded or solid tinned copper drain wire

Jacket:

- PVC, black
- Temperature range: -20°C to +105°C

Applications:

- Electronic circuits where RF shielding is required
- Radio transmitters
- Sound systems
- Recording studios
- Good flexibility
- Excellent shielding for noise reduction
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- NEC Article 725 Type CL2 (UL: 105°C)

Packaging:

- Please contact Customer Service for packaging and color options

Multi-Conductor, Braid Shield

UL 2092, 2093, 2094, NEC Type CM (UL) c(UL) CMH

Product Construction:

Conductor:

- 20 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 80% tinned copper braid
- Mylar wrap under braid

Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

Applications:

- Electronic circuits where RF shielding is required
- Video interconnect
- Broadcast and studio
- Sound systems
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM/CMH (UL: 75°C)
- AWM style 2092 (UL: 60°C, 300 V)
- AWM style 2093 (UL: 60°C, 300 V)
- AWM style 2094 (UL: 60°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

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. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B

AWM STYLE 2092, CM (UL) C(UL) CMH, 300 V

C1642A	2	20	26/34	0.016	0.38	0.029	0.74	0.226	5.74	24.0	43.0
---------------	---	----	-------	-------	------	-------	------	-------	------	------	------

AWM STYLE 2093, CM (UL) C(UL) CMH, 300 V

C1643A	3	20	26/34	0.016	0.38	0.029	0.74	0.236	5.99	22.0	40.0
---------------	---	----	-------	-------	------	-------	------	-------	------	------	------

AWM STYLE 2094, CM (UL) C(UL) CMH 300 V

C1644A	4	20	26/34	0.016	0.38	0.029	0.74	0.255	6.48	22.0	39.0
C1645A	5	20	26/34	0.016	0.38	0.029	0.74	0.274	6.96	22.0	39.0
C1646A	6	20	26/34	0.016	0.38	0.029	0.74	0.290	7.37	20.0	36.0

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

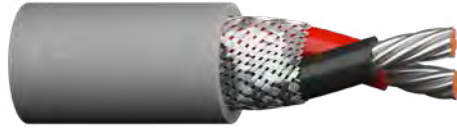
Data subject to change.

COLOR CODE CHART

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

Multi-Conductor, Braid Shield

UL 2095, NEC/CEC Type CMG UL/CSA**



Product Construction:

Conductor:

- 22 thru 16 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 75% tinned copper braid

Jacket:

- PVC, gray
- Temperature range: -20°C to +105°C

Applications:

- Electronic circuits where RF shielding is required
- Radio transmitters
- Sound systems
- Recording studios
- Provides good flexibility
- Excellent shielding for noise reduction
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2095 (UL: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- CSA CMG (CSA: 105°C)
- 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. CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B
C2679A	2	22	7/30	0.016	0.41	0.032	0.81	0.212	5.38	40.0	72.0
C2678A	3	22	7/30	0.016	0.41	0.032	0.81	0.221	5.61	37.0	67.0
C2680A	4	22	7/30	0.016	0.41	0.032	0.81	0.237	6.02	37.0	67.0
C2681A	2	20	7/28	0.016	0.41	0.032	0.81	0.230	5.84	44.0	80.0
C1332A	3	20	7/28	0.016	0.41	0.032	0.81	0.240	6.10	40.0	72.0
C2683A	4	20	7/28	0.016	0.41	0.032	0.81	0.259	6.58	40.0	73.0
C2686A	2	18	16/30	0.016	0.41	0.032	0.81	0.252	6.40	49.0	89.0
C2687A	3	18	16/30	0.016	0.41	0.032	0.81	0.264	6.71	45.0	80.5
C2688A	4	18	16/30	0.016	0.41	0.032	0.81	0.286	7.26	45.0	80.5
C2689A	2	16	19/29	0.020	0.51	0.032	0.81	0.280	7.11	51.0	91.0

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

**CSA or c(UL)

Data subject to change.

COLOR CODE CHART

NO. OF COND.	COLOR
1	Black
2	Red
3	White
4	Green

Multi-Conductor, Foil/Braid Shield

UL 2094, NEC Type CL2

Product Construction:

Conductor:

- 20 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- 80% tinned copper braid

Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

Applications:

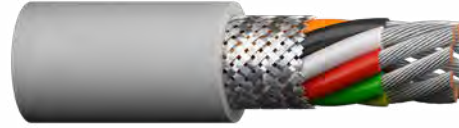
- Electronic circuits where RF shielding is required
- Video interconnect
- Broadcast and studio
- Sound systems
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 725 Type CL2 (UL: 75°C)
- UL Style 2094 (UL: 60°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

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. CAP.*	
				in	mm	in	mm	in	mm	A	B
C1648A	8	20	26/34	0.016	0.38	0.029	0.74	0.316	8.03	20.0	36.0

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Data subject to change.

COLOR CODE CHART

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

Multi-Conductor, Rubber, Unshielded



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.	
				in	mm	in	mm	in	mm
C3602	2	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3603	3	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3604	4	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3605	5	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3606	6	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3607	7	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3608	8	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406
C3610	10	20	26/34	0.020	0.51	0.035	0.89	0.016	0.406

Data subject to change.

Product Construction:

Conductor:

- 20 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Jacket:

- Rubber, black
- Temperature range: -20°C to +60°C

Applications:

- Energy management systems
- Control circuits
- Fire alarm control
- Broadcast and studio requirements
- Suggested voltage rating: 350 volts

Features:

- Excellent impact resistance
- High level of abrasion resistance
- High flexibility
- Excellent mechanical strength
- Excellent moisture resistance

Compliances:

- RoHS Compliant Directive 2015/863/EU (RoHS-3)

Packaging:

- Please contact Customer Service for packaging and color options

COLOR CODE CHART

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	4	Green	7	Yellow	10	Red/Black
2	White	5	Orange	8	Brown		
3	Red	6	Blue	9	White/Black		

Multi-Conductor, Rubber, Braid Shield

Product Construction:

Conductor:

- 20 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 80% tinned copper braid

Jacket:

- Rubber, black
- Temperature range: -20°C to +60°C

Applications:

- Control circuits
- Broadcast and studio applications
- Audio interconnects
- Suggested voltage rating: 300 volts

Features:

- Impact- and abrasion-resistant
- Stranded conductors for superior flexibility

Compliances:

- RoHS Compliant Directive 2015/863/EU (RoHS-3)

Packaging:

- Please contact Customer Service for packaging and color options



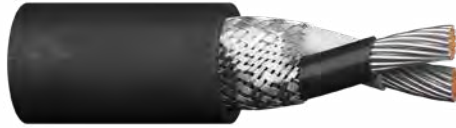
CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.	
				in	mm	in	mm	in	mm
C1302	2	20	26/34	0.020	0.51	0.035	0.89	0.270	6.86
C1304	3	20	26/34	0.020	0.51	0.035	0.89	0.285	7.24
C1305	4	20	26/34	0.020	0.51	0.035	0.89	0.300	7.62
C1310	6	20	26/34	0.020	0.51	0.035	0.89	0.340	8.64
C1312	7	20	26/34	0.020	0.51	0.035	0.89	0.355	9.02
C1313	8	20	26/34	0.020	0.51	0.035	0.89	0.385	9.78

Data subject to change.

COLOR CODE CHART

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

Multi-Conductor, Carolprene[®], Braid Shield



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.	
				in	mm	in	mm	in	mm
C1202	2	18	41/34	0.020	0.51	0.035	0.89	0.295	7.49
C1203	3	18	41/34	0.020	0.51	0.035	0.89	0.305	7.75
C1206	6	18	41/34	0.020	0.51	0.035	0.89	0.370	9.39
C1602	2	16	65/34	0.025	0.64	0.035	0.89	0.335	8.51
C1603	3	16	65/34	0.025	0.64	0.035	0.89	0.355	9.02
C1604	4	16	65/34	0.025	0.64	0.035	0.89	0.385	9.78

Data subject to change.

COLOR CODE CHART

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

Product Construction:

Conductor:

- 18 thru 14 AWG fully annealed stranded tinned copper per ASTM B33

Insulation:

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

Shield:

- 80% tinned copper braid

Jacket:

- Carolprene[®], black
- Temperature range: -20°C to +60°C

Applications:

- Control circuits
- Broadcast and studio applications
- Audio interconnects
- Suggested voltage rating: 300 volts

Features:

- Impact- and abrasion-resistant
- Stranded conductors for superior flexibility

Compliance:

- RoHS Compliant Directive 2015/863/EU (RoHS-3)

Packaging:

- Please contact Customer Service for packaging and color options