

Multi-Conductor, Unshielded

AWM Style 2464, CSA Type AWM, NEC/CEC Type CMG (CSA C/US)

Product Construction:

Conductor:

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

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

Features:

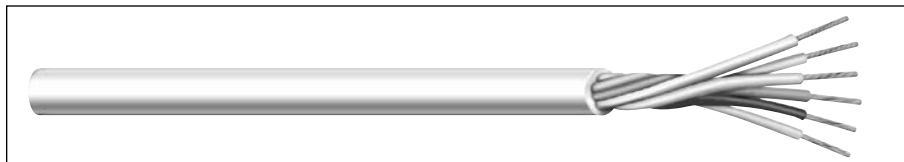
- Easy to terminate
- Excellent electrical properties
- Tinned conductors provide excellent corrosion resistance
- Assists soldering applications

Compliances:

- AWM Style 2464 (CSA: 80°C, 300V)
- CSA Type AWM (105°C, 600V)
- CSA Certified CMG to harmonized standard UL444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Designed to Meet CSA 70,000 BTU Vertical Tray Flame Test
- 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
				INCHES	mm	INCHES	mm	INCHES	mm		
C4100A	2	22	7/30	0.010	0.25	0.032	0.81	0.165	4.19	Black/Red	27.5
C4101A	3	22	7/30	0.010	0.25	0.032	0.81	0.176	4.47	Black/Red/Green	27.5
C4102A	4	22	7/30	0.010	0.25	0.032	0.81	0.189	4.80	1	27.5
C4103A	5	22	7/30	0.010	0.25	0.032	0.81	0.203	5.16	1	27.5
C4104A	6	22	7/30	0.010	0.25	0.032	0.81	0.208	5.28	1	27.5
C4105A	7	22	7/30	0.010	0.25	0.032	0.81	0.218	5.54	1	27.5
C4106A	8	22	7/30	0.010	0.25	0.032	0.81	0.234	5.94	1	27.5
C4107A	9	22	7/30	0.010	0.25	0.032	0.81	0.249	6.32	1	27.5
C4108A	10	22	7/30	0.010	0.25	0.032	0.81	0.268	6.81	1	27.5
C4109A	12	22	7/30	0.010	0.25	0.032	0.81	0.276	7.01	1	27.5
C4110A	15	22	7/30	0.010	0.25	0.032	0.81	0.303	7.70	2	27.5
C4111A	18	22	7/30	0.010	0.25	0.032	0.81	0.318	8.08	2	27.5
C4112A	20	22	7/30	0.010	0.25	0.032	0.81	0.334	8.48	2	27.5
C4113A	25	22	7/30	0.010	0.25	0.032	0.81	0.368	9.35	2	27.5
C4114A	30	22	7/30	0.010	0.25	0.032	0.81	0.389	9.88	2	27.5
C4115A	40	22	7/30	0.010	0.25	0.032	0.81	0.434	11.02	2	27.5
C4116A	50	22	7/30	0.010	0.25	0.032	0.81	0.489	12.42	2	27.5

*Capacitance between conductors

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

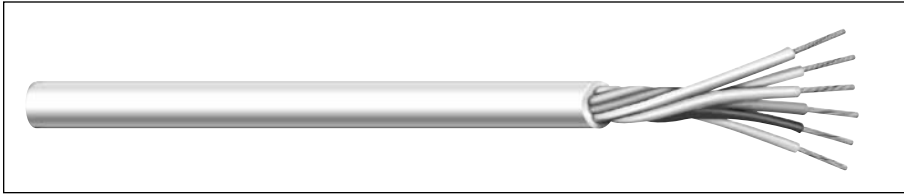
NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

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

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

Multi-Conductor, Unshielded

AWM Style 2464, CSA Type AWM, NEC/CEC Type CMG (CSA C/US)



Product Construction:

Conductor:

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

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

Features:

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

Compliances:

- AWM Style 2464 (CSA: 80°C, 300V)
- CSA Type AWM (105°C, 600V)
- CSA Certified CMG to harmonized standard UL444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Designed to Meet CSA 70,000 BTU Vertical Tray Flame Test
- 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
				INCHES	mm	INCHES	mm	INCHES	mm		
C4117A	2	20	7/28	0.016	0.41	0.032	0.81	0.206	5.23	Black/Red	25.0
C4118A	3	20	7/28	0.016	0.41	0.032	0.81	0.216	5.49	1	25.0
C4119A	4	20	7/28	0.016	0.41	0.032	0.81	0.235	5.97	1	25.0
C4120A	5	20	7/28	0.016	0.41	0.032	0.81	0.254	6.45	1	25.0
C4121A	7	20	7/28	0.016	0.41	0.032	0.81	0.275	6.99	1	25.0
C4122A	9	20	7/28	0.016	0.41	0.032	0.81	0.317	8.05	1	25.0
C4123A	12	20	7/28	0.016	0.41	0.032	0.81	0.354	8.99	2	25.0
C4124A	15	20	7/28	0.016	0.41	0.032	0.81	0.392	9.96	2	25.0
C4125A	2	18	16/30	0.016	0.41	0.032	0.81	0.224	5.69	Black/Red	27.5
C4214A	2	18	16/30	0.016	0.41	0.032	0.81	0.224	5.69	1	27.5
C4126A	3	18	16/30	0.016	0.41	0.032	0.81	0.236	5.99	1	27.5
C4127A	4	18	16/30	0.016	0.41	0.032	0.81	0.258	6.55	1	27.5
C4128A	5	18	16/30	0.016	0.41	0.032	0.81	0.280	7.11	1	27.5
C4206A	6	18	16/30	0.016	0.41	0.032	0.81	0.304	7.72	1	27.5
C4129A	7	18	16/30	0.016	0.41	0.032	0.81	0.309	7.85	1	27.5
C4130A	9	18	16/30	0.016	0.41	0.032	0.81	0.358	9.09	1	27.5
C4131A	12	18	16/30	0.016	0.41	0.032	0.81	0.401	10.19	2	27.5
C4132A	15	18	16/30	0.016	0.41	0.032	0.81	0.445	11.30	2	27.5
C4133A	19	18	16/30	0.016	0.41	0.032	0.81	0.469	11.91	2	27.5
C4134A	25	18	16/30	0.016	0.41	0.032	0.81	0.549	13.94	2	27.5

*Capacitance between conductors

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		

Multi-Conductor, Unshielded

AWM Styles 2464, 2587, CSA Type AWM, 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 B-33

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

Features:

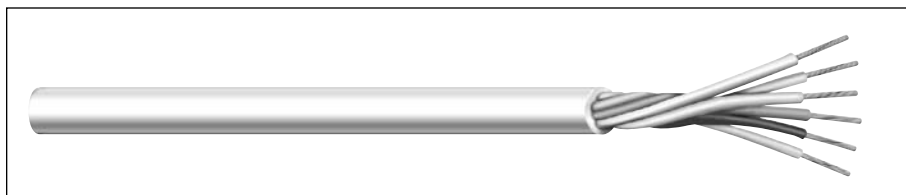
- Easy to terminate
- Excellent electrical properties
- Tinned conductors provide excellent corrosion resistance
- Assists soldering applications

Compliances:

- AWM Style 2464 (CSA or UL: 80°C, 300V)
- AWM Style 2587 (CSA: 90°C, 600V)
- CSA Type AWM (105°C, 600V)
- CSA Certified CMG to harmonized standard UL444 and CSA 22.2 No. 214
- NEC/CEC Type CMG (CSA: 105°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Designed to Meet CSA 70,000 BTU Vertical Tray Flame Test
- Passes CSA FT4 Vertical Flame Test
- UL Certified CL2 to Standard UL13*
- Designed to meet UL 70,000 BTU Vertical Tray 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	

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

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		