

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 B-33

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

Features:

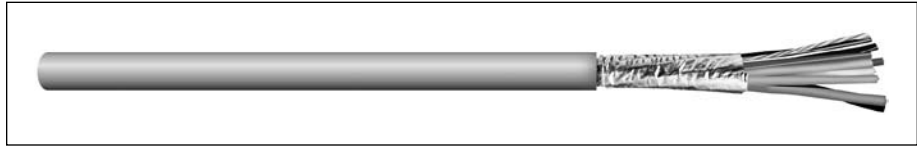
- Superior shielding effectiveness
- 25% shield overlap provides excellent shielding efficiency
- Good flexibility

Compliances:

- AWM Style 2464 (UL or 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	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft @20°C		NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	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	26.0	18.0	40.0	72.0
C4217A	3	24	7/32	0.010	0.25	0.032	0.81	0.164	4.17	26.0	18.0	36.0	66.0
C4218A	4	24	7/32	0.010	0.25	0.032	0.81	0.175	4.45	26.0	18.0	36.0	66.0
C4219A	5	24	7/32	0.010	0.25	0.032	0.81	0.188	4.78	26.0	16.0	36.0	66.0
C4220A	6	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	26.0	16.0	34.0	61.0
C4221A	7	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	26.0	16.0	34.0	61.0
C4222A	8	24	7/32	0.010	0.25	0.032	0.81	0.215	5.46	26.0	16.0	34.0	61.0
C4223A	9	24	7/32	0.010	0.25	0.032	0.81	0.228	5.79	26.0	16.0	34.0	61.0
C4224A	10	24	7/32	0.010	0.25	0.032	0.81	0.245	6.22	26.0	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	26.0	14.0	34.0	61.0
C4226A	20	24	7/32	0.010	0.25	0.032	0.81	0.303	7.70	26.0	14.0	34.0	61.0
C4227A	25	24	7/32	0.010	0.25	0.032	0.81	0.333	8.46	26.0	12.0	34.0	61.0
C4228A	30	24	7/32	0.010	0.25	0.032	0.81	0.351	8.92	26.0	12.0	34.0	61.0
C4229A	40	24	7/32	0.010	0.25	0.032	0.81	0.391	9.93	26.0	12.0	34.0	61.0
C4230A	50	24	7/32	0.010	0.25	0.032	0.81	0.439	11.15	26.0	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

Color Code Chart 1 – For cables up to and including 10 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	10	Gray

Color Code Chart 2 Per ICEA – For cables of 15 to 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		