

# Multi-Paired, 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
- Twisted pairs

### 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:

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

## Features:

- Excellent electrical properties
- Superior shielding effectiveness
- 25% shield overlap provides excellent shielding efficiency
- Assists system designers in meeting FCC Docket 20780 demands
- Good flexibility

## 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 2011/65/EU
- 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 PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/KFT		COLOR CODE	NOM. CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.		A	B
C4170A	1	24	7/32	0.011	0.28	0.032	0.81	0.160	4.06	26.0	18.0	1	36.4	65.5
C4209A	1	24	7/32	0.011	0.28	0.032	0.81	0.160	4.06	26.0	18.0	Wht/Blk	36.4	65.5
C4191A	1	24	7/32	0.011	0.28	0.030	0.76	0.160	4.06	26.0	16.5	Blk/Red	43.0	78.0
C4171A	2	24	7/32	0.011	0.28	0.032	0.81	0.214	5.44	26.0	18.0	1	31.9	57.3
C4172A	3	24	7/32	0.011	0.28	0.032	0.81	0.225	5.72	26.0	16.5	1	28.6	51.4
C4173A	4	24	7/32	0.011	0.28	0.032	0.81	0.245	6.22	26.0	16.5	1	28.6	51.4
C4174A	5	24	7/32	0.011	0.28	0.032	0.81	0.275	6.99	26.0	16.5	1	28.6	51.4
C4175A	6	24	7/32	0.011	0.28	0.032	0.81	0.300	7.62	26.0	15.2	1	26.3	47.5
C4176A	7	24	7/32	0.011	0.28	0.032	0.81	0.300	7.62	26.0	15.2	1	26.3	47.5
C4177A	8	24	7/32	0.011	0.28	0.032	0.81	0.320	8.13	26.0	15.0	1	26.3	47.5
C4178A	9	24	7/32	0.011	0.28	0.032	0.81	0.345	8.76	26.0	15.0	1	26.3	47.5
C4179A	10	24	7/32	0.011	0.28	0.032	0.81	0.375	9.53	26.0	14.0	1	26.3	47.5
C4180A	15	24	7/32	0.011	0.28	0.032	0.81	0.428	10.87	26.0	13.8	1	26.3	47.5
C4181A	19	24	7/32	0.011	0.28	0.032	0.81	0.450	11.43	26.0	13.5	1	26.3	47.5
C4182A	25	24	7/32	0.011	0.28	0.032	0.81	0.530	13.46	26.0	12.7	1	26.3	47.5

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