

# Multi-Paired, Foil Shield

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
- 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 ratings: 300 or 600 volts

**Features:**

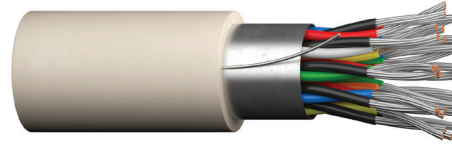
- Excellent electrical properties
- Superior shielding effectiveness
- 25% shield overlap provides excellent shielding efficiency
- Assists system designers in meeting FCC Docket 20780 demands
- Good flexibility

**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 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 PAIRS	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft		NOMINAL CAP.* pF/ft	
				in	mm	in	mm	in	mm	COND.	SHLD.	A	B
C4183A	1	22	7/30	0.011	0.28	0.032	0.81	0.169	4.29	15.0	18.0	44.8	80.7
C4184A	2	22	7/30	0.011	0.28	0.032	0.81	0.234	5.94	15.0	16.5	35.9	64.6
C4185A	3	22	7/30	0.011	0.28	0.032	0.81	0.246	6.25	15.0	16.5	30.9	55.7
C4186A	4	22	7/30	0.011	0.28	0.032	0.81	0.269	6.83	15.0	16.5	30.9	55.7
C4187A	5	22	7/30	0.011	0.28	0.032	0.81	0.294	7.47	15.0	16.5	30.9	55.7
C4188A	6	22	7/30	0.011	0.28	0.032	0.81	0.320	8.13	15.0	16.5	28.4	51.0
C4189A	9	22	7/30	0.011	0.28	0.032	0.81	0.367	9.32	15.0	16.5	28.4	51.0
C4190A	15	22	7/30	0.011	0.28	0.032	0.81	0.457	11.61	15.0	16.5	28.4	51.0

\*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 PAIRS	COLOR	NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Black paired with Red	6	Black paired with Brown	11	Red paired with Yellow
2	Black paired with White	7	Black paired with Orange	12	Red paired with Brown
3	Black paired with Green	8	Red paired with White	13	Red paired with Orange
4	Black paired with Blue	9	Red paired with Green	14	Green paired with White
5	Black paired with Yellow	10	Red paired with Blue	15	Green paired with Blue