

# Multi-Conductor, Foil Shield

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

## Product Construction:

### Conductor:

- 24 thru 12 AWG fully annealed solid or stranded tinned copper per ASTM B-33

### 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

### Features:

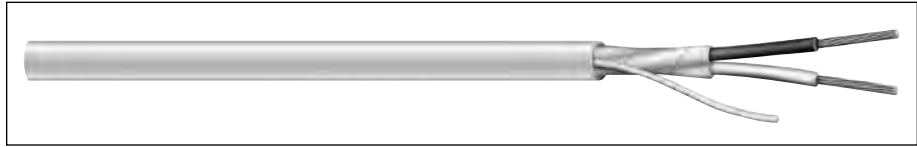
- Excellent electrical properties
- Superior shielding effectiveness
- 25% shield overlap provides excellent shielding efficiency
- Good flexibility

### Compliances:

- UL Style 2092 (UL: 60°C, 300V)
- UL Style 2093 (UL: 60°C, 300V)
- UL Style 2094 (UL: 60°C, 300V)
- UL Style 2106 (UL: 60°C, 600V)
- UL Style 2107 (UL: 60°C, 600V)
- UL Style 2464 (UL: 80°C, 300V)
- NEC Article 725 Type CL2 (UL: 75°C)
- NEC Article 800 Type CM (UL: 75°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- CSA CMH (CSA: 60°C)
- 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.***	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
<b>UL STYLE 2092, CM (UL) c(UL) CMH, 300V</b>											
<b>C2513A</b>	2	24	7/32	0.016	0.41	0.026	0.66	0.167	4.24	18.0	33.0
<b>C2514A</b>	2	22	7/30	0.016	0.41	0.020	0.51	0.167	4.24	20.0	36.0
<b>C2524A</b>	2	20	7/28	0.016	0.41	0.020	0.51	0.183	4.65	22.5	40.5
<b>C2534A</b>	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

<b>UL STYLE 2093, CM (UL) c(UL) CMH, 300V</b>											
<b>C2526A</b>	3	22	7/30	0.016	0.41	0.030	0.76	0.196	4.98	18.5	33.5
<b>C2528A</b>	3	20	7/28	0.016	0.41	0.030	0.76	0.210	5.34	21.0	37.5
<b>C2525A</b>	3	20	7/28	0.016	0.41	0.030	0.76	0.213	5.41	21.0	37.0
<b>C2535A</b>	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

<b>UL STYLE 2094, CM (UL) c(UL) CMH, 300V</b>											
<b>C2523A</b>	4	22	7/30	0.016	0.41	0.030	0.76	0.213	5.41	18.5	33.5
<b>C2555A</b>	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

<b>UL STYLE 2106, CSA, 600V</b>											
<b>C2536A*</b>	2	16	19/.0117	0.031	0.79	0.032	0.81	0.307	7.80	20.0	36.0
<b>C2538A**</b>	2	14	19/.0147	0.031	0.79	0.032	0.81	0.335	8.51	23.0	42.0
<b>C2539A**</b>	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

<b>UL STYLE 2107, CM (UL) c(UL) CMH, 600V</b>											
<b>C2537A</b>	3	16	19/.0117	0.031	0.79	0.032	0.81	0.325	8.26	19.0	34.0

Polyethylene Insulation, Color Code Chart #1

<b>UL STYLE 2464, CL2/CM (UL) c(UL) CMH, 300V</b>											
<b>C2540A</b>	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

<b>CM (UL) c(UL) CMH, 300V</b>											
<b>C2515A</b>	2	22	Solid	0.007	0.18	0.020	0.51	0.124	3.15	30.0	55.0
<b>C2516A</b>	2	22	7/30	0.008	0.20	0.020	0.51	0.137	3.48	28.0	51.0
<b>C2517A</b>	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	Clear