

**Multi-Conductor Foil/Braid Shield**

**UL 2464 Type CM or Type CL2 CSA PCC**

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND STRAND	NOM. INSUL. THICKNESS		NOM. JACKET THICKNESS		NOMINAL O. D.		NOMINAL DCR Ohms/M @ 20 C		NOMINAL CAP. pF/ft	
				Inches	mm	Inches	mm	Inches	mm	C	D	A	B
C0939*	3	28	7/36	0.01	0.25	0.032	0.81	0.166	4.22	64.9	14.2	22	39.6
C0940*	4	28	7/36	0.01	0.25	0.032	0.81	0.176	4.47	64.9	9.4	22	39.6
C0941*	5	28	7/36	0.01	0.25	0.032	0.81	0.186	4.72	64.9	9.4	22	39.6
C0942*	6	28	7/36	0.01	0.25	0.032	0.81	0.196	4.98	64.9	10.2	22	39.6
C0943*	7	28	7/36	0.01	0.25	0.032	0.81	0.196	4.98	64.9	10.2	22	39.6
C0944*	8	28	7/36	0.01	0.25	0.032	0.81	0.207	5.26	64.9	10.4	22	39.6
C0945*	9	28	7/36	0.01	0.25	0.032	0.81	0.217	5.51	64.9	6.3	20	36
C0946*	10	28	7/36	0.01	0.25	0.032	0.81	0.231	5.87	64.9	7	20	36
C0947	15	28	7/36	0.01	0.25	0.032	0.81	0.256	6.5	64.9	10.2	20	36
C0948	25	28	7/36	0.01	0.25	0.032	0.81	0.301	7.65	64.9	4.5	20	36
C0951	3	24	7/32	0.01	0.25	0.032	0.81	0.186	4.72	26	8.6	35	63
C0952	4	24	7/32	0.01	0.25	0.032	0.81	0.197	5	26	9.8	35	63
C0953	5	24	7/32	0.01	0.25	0.032	0.81	0.21	5.33	26	6.5	35	63
C0954	6	24	7/32	0.01	0.25	0.032	0.81	0.223	5.66	26	7	30	54
C0955	7	24	7/32	0.01	0.25	0.032	0.81	0.223	5.66	26	7.1	30	54
C0956	8	24	7/32	0.01	0.25	0.032	0.81	0.237	6.02	26	7.3	30	54
C0957	9	24	7/32	0.01	0.25	0.032	0.81	0.25	6.35	26	7.5	30	54
C0958	10	24	7/32	0.01	0.25	0.032	0.81	0.267	6.78	26	6.9	30	54
C0959	15	24	7/32	0.01	0.25	0.032	0.81	0.298	7.57	26	6	30	54
C0960	20	24	7/32	0.01	0.25	0.032	0.81	0.325	8.26	26	5.8	30	54
C0961	25	24	7/32	0.01	0.25	0.032	0.81	0.355	9.02	26	5.1	30	54
<b>For item above use Color Code Chart 1. For items below use Color Code Chart 2.</b>													
C0971	3	22	7/30	0.01	0.25	0.032	0.81	0.199	5.05	15	6.2	37	67
C0972	4	22	7/30	0.01	0.25	0.032	0.81	0.212	5.38	15	5	37	67
C0973	5	22	7/30	0.01	0.25	0.032	0.81	0.226	5.74	15	7.1	37	67
C0974	6	22	7/30	0.01	0.25	0.032	0.81	0.241	6.12	15	7.9	35	63
C0975	7	22	7/30	0.01	0.25	0.032	0.81	0.241	6.12	15	7.9	35	63
C0976	8	22	7/30	0.01	0.25	0.032	0.81	0.257	6.53	15	5.1	35	63
C0977	9	22	7/30	0.01	0.25	0.032	0.81	0.272	6.91	15	5.1	35	63
C0978	10	22	7/30	0.01	0.25	0.032	0.81	0.291	7.39	15	4.9	35	63
C0979	15	22	7/30	0.01	0.25	0.032	0.81	0.326	8.28	15	4.1	35	63
C0980	20	22	7/30	0.01	0.25	0.032	0.81	0.357	9.07	15	3.7	35	63
C0981	25	22	7/30	0.01	0.25	0.032	0.81	0.391	9.93	15	3.1	35	63

**Use Color Code Chart 2 for the items in the grouping above..**

**A** - Capacitance between conductors.

**B** - Capacitance between one conductor and other conductors connected to shield.

**C** - Conductor.

**D** - Shield.

These cable products can be cut to length, jacket removed, and conductors stripped to custom specifications

**Color Code Chart 1**

No. of Conductors	Color	No. of Conductors	Color
1	Black	6	Blue
2	White	7	Orange
3	Red	8	Yellow
4	Green	9	Purple (Violet)
5	Brown	10	Gray (Slate)

**COLOR CODE CHART 2**

No. of Conductors	Color	No. of Conductors	Color
1	Black	14	Green/White
2	White	15	Blue/White
3	Red	16	Black/Red
4	Green	17	White/Red
5	Orange	18	Orange/Red
6	Blue	19	Blue/Red
7	White/Black	20	Red/Green
8	Red/Black	21	Orange/Green
9	Green/Black	22	Black/White/Red
10	Orange/Black	23	White/Black Red
11	Blue/Black	24	Red/Black/White
12	Black/White	25	Green/Black/White
13	Red/White		



## Product Construction:

### Conductor:

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

### Insulation:

- Premium grade color coded sem-rigid PVC per UL 1061

### Shield:

- 100% Flexfoil<sup>®</sup> aluminum/polyester  
25% overlap, foil facing out
- Stranded tinned copper drain wire  
(28 AWG only)
- 65% tinned copper braid

### Jacket:

- PVC, gray
- Temperature Range: -20° to + 80°C
- Voltage Rating: 300 Volts

### Applications:

- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Suitable for EIA RS-232 applications

### Features

- Provides good flexibility
- Superior shielding where noise rejection is critical
- Aids system designer to meet FCC Docket 20780 demands

### Compliances:

- NEC Article 725 Type CL2 - 28 AWG (UL-75°C)
- NEC Article 800 Type CM -22 & 24 AWG (UL- 75°C)
- UL Style 2464 (UL- 80°C, 300V)
- CSA PCC (CSA: 60°C)
- Passes UL 70,000 BTU Vertical Tray Flame test
- Passes CSA FT4 Flame Test
- OSHA acceptable