

Multi-Paired Foil/Braid Shield/ Lo-Cap®

UL 2919 NEC Type CL2 or CM CSA PCC Lo-Cap®

CATALOG NUMBER	NO. OF COND.	NOM. INSUL. THICKNESS		NOM. JACKET THICKNESS		NOMINAL O. D.		NOMINAL DCR OHM/Mft.		NOMINAL CAP. pF/ft	
		Inches	mm	Inches	mm	Inches	mm	COND.	SHLD	A	B
No.28 (7/36) AWG TC:											
C0530	3	0.016	0.41	0.032	0.81	0.192	4.88	64.90	7.80	11.00	20.00
C0531	4	0.016	0.41	0.032	0.81	0.205	5.21	64.90	5.90	11.00	20.00
C0532	5	0.016	0.41	0.032	0.81	0.218	5.54	64.90	5.90	11.00	20.00
C0533	6	0.016	0.41	0.032	0.81	0.232	5.89	64.90	6.20	11.00	20.00
C0534	7	0.016	0.41	0.032	0.81	0.232	5.89	64.90	6.20	11.00	20.00
C0535	8	0.016	0.41	0.032	0.81	0.247	6.27	64.90	4.80	11.00	20.00
C0536	9	0.016	0.41	0.032	0.81	0.261	6.63	64.90	4.90	11.00	20.00
C0537	10	0.016	0.41	0.032	0.81	0.279	7.09	64.90	5.20	11.00	20.00
C0538	15	0.016	0.41	0.032	0.81	0.312	7.92	64.90	4.20	11.00	20.00
C0539	25	0.016	0.41	0.032	0.81	0.373	9.47	64.90	4.00	11.00	20.00
No.24 (7/32) AWG TC:											
C0680	3	0.016	0.41	0.032	0.81	0.211	5.36	26	5.20	12.50	22.00
C0681	4	0.016	0.41	0.032	0.81	0.227	5.77	26	5.30	12.50	22.00
C0682	5	0.016	0.41	0.032	0.81	0.242	6.15	26	4.20	12.50	22.00
C0683	6	0.016	0.41	0.032	0.81	0.259	6.58	26	4.40	12.50	22.00
C0684	7	0.016	0.41	0.032	0.81	0.259	6.58	26	4.40	12.50	22.00
C0685	8	0.016	0.41	0.032	0.81	0.276	7.01	26	4.40	12.50	22.00
C0686	9	0.016	0.41	0.032	0.81	0.293	7.44	26	3.90	12.50	22.00
C0687	10	0.016	0.41	0.032	0.81	0.315	8.00	26	3.20	12.50	22.00
C0688	15	0.016	0.41	0.032	0.81	0.354	8.99	26	3.60	12.50	22.00
A - Capacitance between conductors.											
B - Capacitance between one conductor and other conductors connected to shield.											
Vp = 78%											
Impedance = appr. 120 ohms (28 AWG): = appr. 100 ohms (24 AWG)											

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	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

COLOR CODE CHART 2

NO.OFCONDUCTORS	COLOR	NO.OFCONDUCTORS	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 or 24 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium grade color coded Lo-Cap[®] foamed polypropylene
- Color Code: See color key above

Shield:

- 100% Flexfoil[®] aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire
- 70% tinned copper braid

Jacket:

- PVC, gray
- Temperature Range -20°C to +80°C
- Voltage Rating: 30 Volts

Applications:

- High speed computers
- Industrial Equipment
- Control circuits
- Suitable for low capacitance applications
- Suitable for EIA RS-422 CAD/CAM applications

Features:

- Provides good flexibility
- Superior shielding where noise rejection is critical
- Aids systems designers meet FCC Docket 20780 demands.

Compliances:

- NEC Article 725 Type CL2 (28 AWG)(UL· 75°C)
- NEC Article 800 Type CM (24 AWG)(UL· 75°C)
- UL Style 2919 (UL· 80°C, 30V)
- Passes UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA FT1 Flame Test
- OSHA acceptable