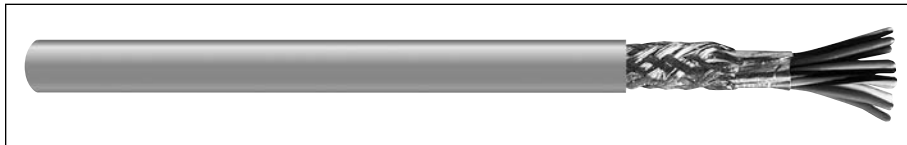


# Multi-Conductor, Foil/Braid Shield, Lo-Cap®

UL 2919, NEC Type CL2 or CM (UL) c(UL) CMH, CSA CMH



CATALOG NUMBER	NO. OF COND.	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft		NOMINAL CAP.* pF/ft	
		INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.	A	B

**28 AWG (7/36): CL2, CSA CMH**

C0530A	3	0.016	0.41	0.032	0.81	0.192	4.88	64.9	7.8	9.5	17.0
C0531A	4	0.016	0.41	0.032	0.81	0.205	5.21	64.9	5.9	9.5	17.0
C0532A	5	0.016	0.41	0.032	0.81	0.218	5.54	64.9	5.9	9.5	17.0
C0533A	6	0.016	0.41	0.032	0.81	0.232	5.89	64.9	6.2	9.0	16.0
C0534A	7	0.016	0.41	0.032	0.81	0.232	5.89	64.9	6.2	9.0	16.0
C0535A	8	0.016	0.41	0.032	0.81	0.247	6.27	64.9	4.8	9.0	16.0
C0536A	9	0.016	0.41	0.032	0.81	0.261	6.63	64.9	4.9	9.0	16.0
C0537A	10	0.016	0.41	0.032	0.81	0.279	7.09	64.9	5.2	9.0	16.0
C0538A	15	0.016	0.41	0.032	0.81	0.312	7.92	64.9	4.2	9.0	16.0

**24 AWG (7/32): CM (UL) c(UL) CMH, AWM Style 2919**

C0680A	3	0.016	0.41	0.032	0.81	0.211	5.36	25.7	3.8	11.9	21.5
C0681A	4	0.016	0.41	0.032	0.81	0.227	5.77	25.7	3.8	11.9	21.5
C0682A	5	0.016	0.41	0.032	0.81	0.242	6.15	25.7	3.8	11.9	21.5
C0683A	6	0.016	0.41	0.032	0.81	0.259	6.58	25.7	3.2	11.2	20.2
C0684A	7	0.016	0.41	0.032	0.81	0.259	6.58	25.7	3.2	11.2	20.2
C0685A	8	0.016	0.41	0.032	0.81	0.276	7.01	25.7	3.2	11.2	20.2
C0686A	9	0.016	0.41	0.032	0.81	0.293	7.44	25.7	3.6	11.2	20.2
C0687A	10	0.016	0.41	0.032	0.81	0.315	8.00	25.7	3.6	11.2	20.2
C0688A	15	0.016	0.41	0.032	0.81	0.354	8.99	25.7	3.6	11.2	20.2

\*A – Capacitance between conductors

\*B – Capacitance between one conductor and other conductors connected to shield

Vp = 78%

Impedance: ≈100 Ω

**Color Code Chart 1 - For cables up to and including 10 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	6	Light Blue
2	White	7	Orange
3	Red	8	Yellow
4	Light Green	9	Violet
5	Brown	10	Gray

**Color Code Chart 2 Per ICEA - For cables up to 15 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	10	Orange/Black
2	White	11	Light Blue/Black
3	Red	12	Black/White
4	Light Green	13	Red/White
5	Orange	14	Light Green/White
6	Light Blue	15	Light Blue/White
7	White/Black		
8	Red/Black		
9	Light Green/Black		

**Product Construction:**

**Conductor:**

- 28 and 24 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

- Premium grade foamed Lo-Cap® color coded polypropylene
- Color code: See chart below

**Shield:**

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

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +80°C

**Applications:**

- High speed computers
- Industrial equipment
- Control circuits
- Designed for low capacitance applications
- Suitable for EIA RS-232 and RS-423 CAD/CAM applications
- Suggested voltage rating: 30 volts

**Features:**

- Braid shield provides good flexibility
- Superior shielding where noise rejection is critical
- Assists system designers in meeting FCC Docket 20780 demands

**Compliances:**

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2919 (UL: 80°C, 30V)
- CSA CMH (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMH Flame Test

**Packaging:**

- 1000' (305 m) spools or reels
- 500' (152 m) spools or reels
- Other put-ups available—consult Customer Service



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