

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

UL 2919, NEC Type CL2 or NEC/CEC Type CM, CEC Type CMH UL/CSA

**Product Construction:**

**Conductor:**

- 24 AWG fully annealed stranded tinned copper per ASTM B33

**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:**

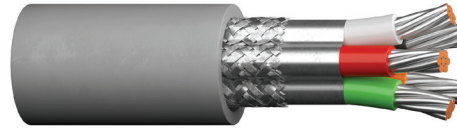
- High speed computers
- Industrial equipment
- Control circuits
- Designed for low capacitance applications
- Suitable for EIA RS-232 and RS-423 CAD/CAM applications
- Suggested voltage rating: 30 volts

**Compliances:**

- NEC Article 800 Type CM (UL: 75°C, 300 V)
- UL Style 2919 (UL: 80°C, 30 V)
- CSA CMH (CSA: 60°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMH Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options



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

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

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

Data subject to change.

**COLOR CODE CHART 1**

For cables up to and including 10 conductors

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

**COLOR CODE CHART 2 PER ICEA**

For cables up to 15 conductors

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