

# Multi-Conductor, Foil/Braid Shield

UL 2464, NEC Type CMR (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

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

### Insulation:

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See chart below

### Shield:

- 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out
- 65% tinned copper braid

### Jacket:

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

### Applications:

- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

### Features:

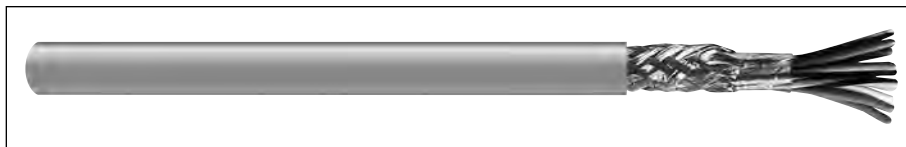
- Braid shield provides good flexibility
- Superior shielding where noise rejection is critical
- Assists system designers in meeting FCC Docket 20780 demands

### Compliances:

- NEC Article 800 Type CMR (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR $\Omega$ /kft @20°C		NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.	A	B
<b>C0971A</b>	3	22	7/30	0.010	0.25	0.032	0.81	0.199	5.05	16.6	5.6	36.0	66.0
<b>C0972A</b>	4	22	7/30	0.010	0.25	0.032	0.81	0.212	5.38	16.6	4.4	36.0	66.0
<b>C0973A</b>	5	22	7/30	0.010	0.25	0.032	0.81	0.226	5.74	16.6	4.7	36.0	66.0
<b>C0974A</b>	6	22	7/30	0.010	0.25	0.032	0.81	0.241	6.12	16.6	3.8	34.0	60.0
<b>C0975A</b>	7	22	7/30	0.010	0.25	0.032	0.81	0.241	6.12	16.6	6.2	34.0	60.0
<b>C0976A</b>	8	22	7/30	0.010	0.25	0.032	0.81	0.257	6.53	16.6	4.0	34.0	60.0
<b>C0977A</b>	9	22	7/30	0.010	0.25	0.032	0.81	0.272	6.91	16.6	3.4	34.0	60.0
<b>C0978A</b>	10	22	7/30	0.010	0.25	0.032	0.81	0.291	7.39	16.6	3.6	34.0	60.0
<b>C0979A</b>	15	22	7/30	0.010	0.25	0.032	0.81	0.326	8.28	16.6	3.6	34.0	60.0
<b>C0980A</b>	20	22	7/30	0.010	0.25	0.032	0.81	0.357	9.07	16.6	3.9	34.0	60.0
<b>C0981A</b>	25	22	7/30	0.010	0.25	0.032	0.81	0.391	9.93	16.6	2.7	34.0	60.0

\*A – Capacitance between conductors

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

### Color Code Chart Per ICEA

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
<b>1</b>	Black	<b>10</b>	Orange/Black	<b>19</b>	Light Blue/Red
<b>2</b>	White	<b>11</b>	Light Blue/Black	<b>20</b>	Red/Green
<b>3</b>	Red	<b>12</b>	Black/White	<b>21</b>	Orange/Green
<b>4</b>	Light Green	<b>13</b>	Red/White	<b>22</b>	Black/White/Red
<b>5</b>	Orange	<b>14</b>	Light Green/White	<b>23</b>	White/Black/Red
<b>6</b>	Light Blue	<b>15</b>	Light Blue/White	<b>24</b>	Red/Black/White
<b>7</b>	White/Black	<b>16</b>	Black/Red	<b>25</b>	Light Green/Black/White
<b>8</b>	Red/Black	<b>17</b>	White/Red		
<b>9</b>	Light Green/Black	<b>18</b>	Orange/Red		