

# Multi-Conductor, Spiral Shield

UL 2095, NEC Type CL2 and CM (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

- 22 thru 16 AWG fully annealed stranded tinned copper per ASTM B-33

### Insulation:

- Premium-grade, color-coded PVC
- Color code: See charts below

### Shield:

- 85% spiral tinned copper

### Jacket:

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

## Applications:

- Electronic circuits where RF shielding is required
- Radio transmitters
- Sound systems
- Recording studios
- Suggested voltage rating: 300 volts

## Features:

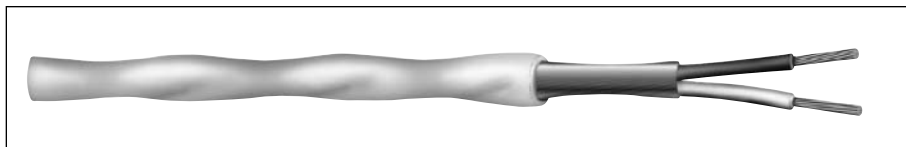
- Spiral shield allows ease of "pigtail soldering"
- Maximum flexibility

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2095 (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
- NEC Article 725 Type CL2 (UL: 75°C)

## Packaging:

- Please contact Customer Service for packaging and color options



| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS |    | NOM. JACKET THICKNESS |    | NOMINAL O.D. |    | NOM. CAP.* |   |
|----------------|--------------|----------|--------------|---------------------------|----|-----------------------|----|--------------|----|------------|---|
|                |              |          |              | INCHES                    | mm | INCHES                | mm | INCHES       | mm | A          | B |

### UL STYLE 2095, CM (UL) c(UL), CSA CMG, 300V

|               |   |    |      |       |      |       |      |       |      |      |      |
|---------------|---|----|------|-------|------|-------|------|-------|------|------|------|
| <b>C2882A</b> | 2 | 22 | 7/30 | 0.015 | 0.38 | 0.032 | 0.81 | 0.197 | 5.00 | 40.0 | 72.0 |
| <b>C2888A</b> | 2 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.215 | 5.46 | 44.0 | 80.2 |

Color Code Chart #1

### CL2/CM (UL) c(UL), CSA CMG, 300V

|               |   |    |      |       |      |       |      |       |      |      |      |
|---------------|---|----|------|-------|------|-------|------|-------|------|------|------|
| <b>C1335A</b> | 3 | 22 | 7/30 | 0.015 | 0.38 | 0.032 | 0.81 | 0.206 | 5.23 | 37.0 | 67.0 |
| <b>C1337A</b> | 4 | 22 | 7/30 | 0.015 | 0.38 | 0.032 | 0.81 | 0.222 | 5.64 | 37.0 | 67.0 |
| <b>C1341A</b> | 6 | 22 | 7/30 | 0.015 | 0.38 | 0.032 | 0.81 | 0.257 | 6.53 | 34.5 | 62.0 |
| <b>C2768A</b> | 3 | 18 | 7/26 | 0.020 | 0.51 | 0.032 | 0.81 | 0.266 | 6.76 | 41.0 | 74.0 |

Color Code Chart #1

### CM (UL) c(UL), CSA CMG, 300V

|               |   |    |          |       |      |       |      |       |      |      |       |
|---------------|---|----|----------|-------|------|-------|------|-------|------|------|-------|
| <b>C2892A</b> | 2 | 18 | 16/30    | 0.016 | 0.41 | 0.032 | 0.81 | 0.252 | 6.40 | 49.5 | 89.0  |
| <b>C2895A</b> | 2 | 16 | 19/.0117 | 0.016 | 0.41 | 0.032 | 0.81 | 0.265 | 6.73 | 58.0 | 104.0 |

Color Code Chart #2

\*A – Capacitance between conductors

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

### Color Code Chart 1

| NO. OF COND. | COLOR  |
|--------------|--------|
| 1            | Black  |
| 2            | Red    |
| 3            | White  |
| 4            | Green  |
| 5            | Yellow |
| 6            | Blue   |

### Color Code Chart 2

| CATALOG NUMBER | CONDUCTOR | COLOR |
|----------------|-----------|-------|
| <b>C2892A</b>  | 1         | White |
|                | 2         | Red   |
| <b>C2895A</b>  | 1         | White |
|                | 2         | Black |

# Multi-Conductor, Braid Shield

NEC Type CL2 and CM(UL) c(UL), CSA CMG



| CATALOG<br>NUMBER | NO. OF<br>COND. | AWG<br>SIZE | COND.<br>STRAND | NOM. INSULATION<br>THICKNESS |      | NOM. JACKET<br>THICKNESS |      | NOMINAL O.D. |      | NOM. CAP.*<br>pF/ft |      |
|-------------------|-----------------|-------------|-----------------|------------------------------|------|--------------------------|------|--------------|------|---------------------|------|
|                   |                 |             |                 | INCHES                       | mm   | INCHES                   | mm   | INCHES       | mm   | A                   | B    |
| <b>C2676A</b>     | 2               | 22          | Solid           | 0.015                        | 0.38 | 0.032                    | 0.81 | 0.209        | 5.31 | 38.6                | 69.4 |
| <b>C2677A</b>     | 2               | 22          | 7/30            | 0.015                        | 0.38 | 0.032                    | 0.81 | 0.211        | 5.36 | 39.3                | 70.7 |

\*A – Capacitance between conductors\*

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

## Color Code Chart

| NO. OF<br>COND. | COLOR |
|-----------------|-------|
| <b>1</b>        | Black |
| <b>2</b>        | Red   |

## Product Construction:

### Conductor:

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

### Insulation:

- Premium-grade, color-coded PVC
- Color code: See chart below

### Shield:

- 88% tinned copper braid
- Stranded or solid tinned copper drain wire

### Jacket:

- PVC, black
- Temperature range: -20°C to +75°C

## Applications:

- Electronic circuits where RF shielding is required
- Radio transmitters
- Sound systems
- Recording studios
- Good flexibility
- Excellent shielding for noise reduction
- Suggested voltage rating: 300 volts

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- NEC Article 725 Type CL2 (UL: 75°C)

## Packaging:

- Please contact Customer Service for packaging and color options

**CAROL  
BRAND**

c **UL** US  
LISTED

**CSA** CMG  
Certified  
Canadian Standard Association

**UL**

Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.

RoHS Compliant  
Directive 2002/95/EC

**General Cable**