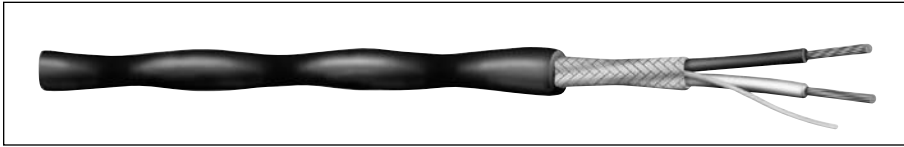


# Multi-Conductor, Braid Shield

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



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP* 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 COND.	COLOR
1	Black
2	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



Underwriters Laboratories Inc.



# Multi-Conductor, Braid Shield

UL 2092, 2093, 2094, NEC Type CM (UL) c(UL) CMH

## Product Construction:

### Conductor:

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

### Insulation:

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

### Shield:

- 80% tinned copper braid
- Mylar wrap under braid

### Jacket:

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

## Applications:

- Electronic circuits where RF shielding is required
- Video interconnect
- Broadcast and studio
- Sound systems
- Suggested voltage rating: 300 volts

## Features:

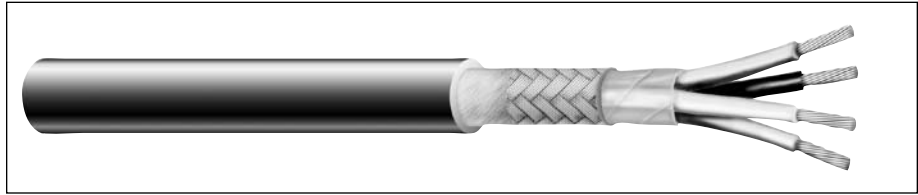
- Low capacitance
- Lightweight
- Excellent shielding for noise reduction

## Compliances:

- NEC Article 800 Type CM/CMH (UL: 75°C)
- AWM style 2092 (UL: 60°C, 300V)
- AWM style 2093 (UL: 60°C, 300V)
- AWM style 2094 (UL: 60°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL VW-1 Vertical Wire Flame Test

## 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.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B

### AWM STYLE 2092, CM (UL) c(UL) CMH, 300V

<b>C1642A</b>	2	20	26/34	0.016	0.38	0.029	0.74	0.226	5.74	24.0	43.0
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### AWM STYLE 2093, CM (UL) c(UL) CMH, 300V

<b>C1643A</b>	3	20	26/34	0.016	0.38	0.029	0.74	0.236	5.99	22.0	40.0
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### AWM STYLE 2094, CM (UL) c(UL) CMH 300V

<b>C1644A</b>	4	20	26/34	0.016	0.38	0.029	0.74	0.255	6.48	22.0	39.0
<b>C1645A</b>	5	20	26/34	0.016	0.38	0.029	0.74	0.274	6.96	22.0	39.0
<b>C1646A</b>	6	20	26/34	0.016	0.38	0.029	0.74	0.290	7.37	20.0	36.0

\*A – Capacitance between conductors

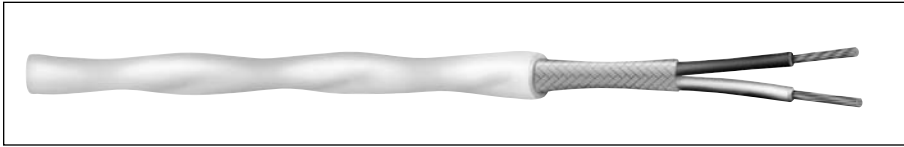
\*B – Capacitance between one conductor and other conductors connected to shield

## Color Code Chart

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

# Multi-Conductor, Braid Shield

UL 2095, NEC Type CM (UL) c(UL)



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C2679A	2	22	7/30	0.015	0.38	0.032	0.81	0.212	5.38	40.0	72.0
C2678A	3	22	7/30	0.015	0.38	0.032	0.81	0.221	5.61	37.0	67.0
C2680A	4	22	7/30	0.015	0.38	0.032	0.81	0.237	6.02	37.0	67.0
C2681A	2	20	7/28	0.016	0.41	0.032	0.81	0.230	5.84	44.0	80.0
C1332A	3	20	7/28	0.016	0.41	0.032	0.81	0.240	6.10	40.0	72.0
C2683A	4	20	7/28	0.016	0.41	0.032	0.81	0.259	6.58	40.0	73.0
C2686A	2	18	16/30	0.016	0.41	0.032	0.81	0.252	6.40	49.0	89.0
C2687A	3	18	16/30	0.016	0.41	0.032	0.81	0.264	6.71	45.0	80.5
C2688A	4	18	16/30	0.016	0.41	0.032	0.81	0.286	7.26	45.0	80.5
C2689A	2	16	19/29	0.020	0.51	0.030	0.76	0.280	7.11	51.0	91.0

\*A – Capacitance between conductors

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

### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	White
4	Green

### 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 chart below

#### Shield:

- 75% tinned copper braid

#### Jacket:

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

### Applications:

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

### Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2095 (UL: 80°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- CSA CMG (CSA: 60°C)
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options



Underwriters Laboratories Inc.



# Multi-Conductor, Braid Shield

MIL-W-16878 Type B

## Product Construction:

### Conductor:

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

### Insulation:

- Premium-grade, color-coded PVC per MIL-W-16878 Type B
- Color code: See chart below

### Shield:

- 90% tinned copper braid

### Jacket:

- PVC, gray
- Temperature range: -20°C to +90°C

### Applications:

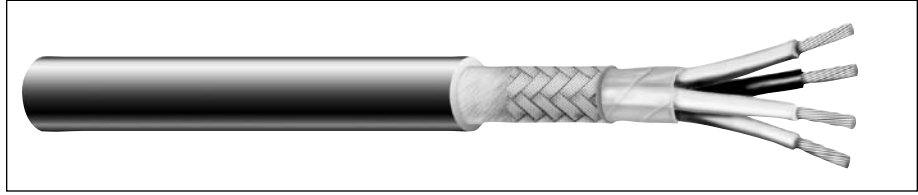
- Electronic circuits where RF shielding is required
- Remote control for studio equipment
- Sound systems
- Provides good flexibility
- Excellent shielding for noise reduction
- Suggested voltage rating: 600 volts
- Non QPL

### Compliances:

- RoHS Compliant Directive 2002/95/EC

### 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.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C6500A	2	28	7/36	0.010	0.28	0.016	0.41	0.130	3.30	34.0	61.0
C6501A	3	28	7/36	0.010	0.28	0.016	0.41	0.135	3.30	32.5	58.5
C6502A	4	28	7/36	0.010	0.28	0.016	0.41	0.145	3.68	32.5	58.5
C6503A	6	28	7/36	0.010	0.28	0.019	0.48	0.172	4.37	30.5	55.0
C6504A	8	28	7/36	0.010	0.28	0.021	0.53	0.187	4.75	30.5	55.0
C6505A	10	28	7/36	0.010	0.28	0.021	0.53	0.212	5.38	30.5	55.0
C6506A	12	28	7/36	0.010	0.28	0.021	0.53	0.217	5.51	30.5	55.0
C6507A	15	28	7/36	0.010	0.28	0.021	0.53	0.237	6.01	30.5	55.0
C6508A	20	28	7/36	0.010	0.28	0.021	0.53	0.259	6.58	30.5	55.0

\*A - Capacitance between conductors

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

### Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	8	Red/Black	15	Blue/White
2	White	9	Green/Black	16	Black/Red
3	Red	10	Orange/Black	17	White/Red
4	Green	11	Blue/Black	18	Orange/Red
5	Orange	12	Black/White	19	Blue/Red
6	Blue	13	Red/White	20	Red/Green
7	White/Black	14	Green/White		