

# 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 B33

### 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:

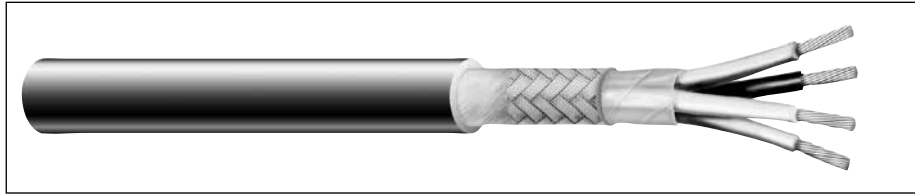
- Electronic circuits where RF shielding is required
- Video interconnect
- Broadcast and studio
- Sound systems
- Suggested voltage rating: 300 volts

## Compliances:

- NEC Article 800 Type CM/CMH (UL: 75°C)
- AWM style 2092 (UL: 60°C, 300 V)
- AWM style 2093 (UL: 60°C, 300 V)
- AWM style 2094 (UL: 60°C, 300 V)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet UL VW-1 Vertical Wire Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/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.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B

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

<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, 300 V

<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 300 V

<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

Data subject to change.

## Color Code Chart

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