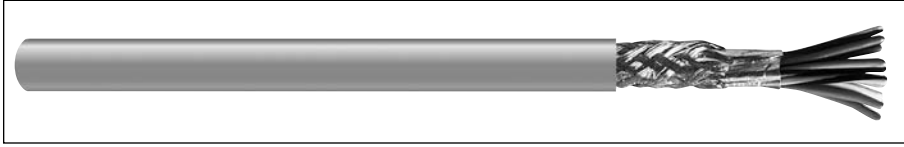


# Multi-Conductor, Foil/Braid Shield

UL 2094, NEC Type CL2



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>C1648A</b>	8	20	26/34	0.016	0.38	0.029	0.74	0.316	8.03	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	NO. OF COND.	COLOR
1	Black	5	Yellow
2	White	6	Blue
3	Red	7	Brown
4	Green	8	Orange

### 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:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- 80% tinned copper 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 725 Type CL2 (UL: 75°C)
- UL Style 2094 (UL: 60°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options



Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.

