# Multi-Conductor, Foil/Braid Shield

UL 2094, NEC Type CL2

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CATALOG	NO. OF	AWG	COND.	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
NUMBER	COND.	SIZE	STRAND	INCHES	mm	INCHES	mm	INCHES	mm	A	В
C1648A	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 Data subject to change.

#### 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 B33

#### Insulation:

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

#### Shield:

- 100% Flexfoil<sup>®</sup> 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

#### **Compliances:**

- NEC Article 725 Type CL2 (UL: 75°C)
- UL Style 2094 (UL: 60°C, 300 V)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

## Packaging:

 Please contact Customer Service for packaging and color options







