

# Multi-Paired, Foil Shield

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



### Product Construction:

#### Conductor:

- 22 AWG fully annealed solid tinned copper per ASTM B33
- Twisted pairs

#### Insulation:

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

#### Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

#### Jacket:

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

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAP.* pF/ft	
				in	mm	in	mm	in	mm	A	B
<b>C6451A</b>	51	22	Solid	0.010	0.25	0.050	1.27	0.715	18.16	25.0	45.0

\*A – Capacitance between conductors

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

Data subject to change.

### Applications:

- Intercom systems
- Sound systems
- Electronic instrumentation control systems
- Suggested voltage rating: 300 volts

### Compliances:

- NEC Article 800 Type CM (UL: 75°C, 300 V)
- UL Style 2095 (UL: 80°C, 300 V)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options

### Color Code Chart

NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Blue paired with White	18	Brown/White striped paired with White	35	Green/White striped paired with Red
2	Orange paired with White				
3	Green paired with White	19	Brown/Gray striped paired with White	36	Green/Brown striped paired with Red
4	Brown paired with White				
5	Gray paired with White	20	Gray/White striped paired with White	37	Green/Gray striped paired with Red
6	Blue/White striped paired with White				
7	Blue/Orange striped paired with White	21	Blue paired with Red	38	Brown/White striped paired with Red
		22	Orange paired with Red		
8	Blue/Green striped paired with White	23	Green paired with Red	39	Brown/Gray striped paired with Red
		24	Brown paired with Red		
9	Blue/Brown striped paired with White	25	Gray paired with Red	40	Gray/White striped paired with Red
		26	Blue/White striped paired with Red		
10	Blue/Gray striped paired with White	27	Blue/Orange striped paired with Red	41	Blue paired with Black
				42	Orange paired with Black
11	Orange/White striped paired with White	28	Blue/Green striped paired with Red	43	Green paired with Black
				44	Brown paired with Black
12	Orange/Green striped paired with White	29	Blue/Brown striped paired with Red	45	Gray paired with Black
				46	Blue/White striped paired with Black
13	Orange/Brown striped paired with White	30	Blue/Gray striped paired with Red	47	Blue/Orange striped paired with Black
				48	Blue/Green striped paired with Black
14	Orange/Gray striped paired with White	31	Orange/White striped paired with Red	49	Blue/Brown striped paired with Black
15	Green/White striped paired with White	32	Orange/Green striped paired with Red	50	Blue/Gray striped paired with Black
16	Green/Brown striped paired with White	33	Orange/Brown striped paired with Red	51	Orange/White striped paired with Black
17	Green/Gray striped paired with White	34	Orange/Gray striped paired with Red		



Designed to Meet  
UL Vertical Tray  
Flame Test  
Underwriters Laboratories Inc.

