

# Multi-Conductor, Foil Shield

NEC Type CMP (UL) c(UL) and/or CL2P

## Product Construction:

### Conductor:

- 22 thru 16 AWG fully annealed stranded tinned or bare copper per ASTM B-3, B-8 or B-33
- Class B stranding per ASTM B-8

### Insulation:

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

### Shield:

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

### Jacket:

- Fluoropolymer, natural
- Temperature range: -20°C to +75°C
- Sequential footage marked to facilitate installations
- Stranded tinned copper drain wire
- Includes ripcord

## Applications:

- Intercom systems
- Background music
- Audio systems
- Power-limited control circuits
- Suggested voltage rating: 150 volts

## Compliances:

- NEC Article 725 (UL: 75°C, 150V)
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

## Features:

- Abrasion-, chemical- and water-resistant jacket

## 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

### 22 AWG CONDUCTORS

<b>C3154*</b>	2	22	7/30 TC	0.006	0.15	0.010	0.25	0.103	2.62	51.0	92.0
<b>C3310*</b>	3	22	7/30 TC	0.006	0.15	0.010	0.25	0.116	2.95	45.0	81.0
<b>C3155*</b>	4	22	7/30 TC	0.006	0.15	0.010	0.25	0.130	3.30	45.0	81.0
<b>C3311*</b>	6	22	7/30 TC	0.006	0.15	0.010	0.25	0.152	3.86	40.0	73.0

### 20 AWG CONDUCTORS

<b>C3320*</b>	2	20	7/28 TC	0.007	0.18	0.010	0.25	0.120	3.05	53.0	96.0
<b>C3321*</b>	3	20	7/28 TC	0.007	0.18	0.010	0.25	0.136	3.45	46.0	84.0
<b>C3322*</b>	4	20	7/28 TC	0.007	0.18	0.010	0.25	0.153	3.89	46.0	84.0

### 18 AWG CONDUCTORS

<b>C3162</b>	2	18	7/26 BC	0.008	0.20	0.010	0.25	0.152	3.86	54.0	98.0
<b>C3164</b>	3	18	7/26 BC	0.008	0.20	0.010	0.25	0.158	4.01	47.0	85.0
<b>C3163</b>	4	18	7/26 BC	0.008	0.20	0.010	0.25	0.178	4.52	47.0	85.0
<b>C3166</b>	6	18	7/26 BC	0.008	0.20	0.010	0.25	0.212	5.38	43.0	76.0
<b>C3180</b>	8	18	7/26 BC	0.008	0.20	0.010	0.25	0.229	5.82	43.0	76.0
<b>C3181</b>	10	18	7/26 BC	0.008	0.20	0.010	0.25	0.273	6.93	43.0	76.0
<b>C3182</b>	12	18	7/26 BC	0.008	0.20	0.012	0.30	0.285	7.24	43.0	76.0

### 16 AWG CONDUCTORS

<b>C3169</b>	2	16	19/0.117 BC	0.008	0.20	0.010	0.25	0.181	4.60	62.0	112.0
<b>C3340</b>	3	16	7/0.0192 BC	0.008	0.20	0.010	0.25	0.185	4.70	52.0	93.0
<b>C3341</b>	4	16	7/0.0192 BC	0.008	0.20	0.010	0.25	0.210	5.16	52.0	93.0

\*CL2P only

\*\*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	Brown
6	Blue
7	Orange
8	Yellow
9	Violet
10	Gray
11	Pink
12	Tan

Designed to Meet  
NFPA 262 and CSA FT-6  
Steiner Tunnel Fire Tests  
for Plenum Applications

Underwriters Laboratories Inc.

