

# RG 59/U Type

## Product Construction:

### Conductors:

- Copper-clad steel per ASTM B-869

### Insulation/Core:

- Foam polyethylene (PE) design

### Shield:

- Aluminum braid
- Flexfoil® shield

### Jacket:





- Premium PVC compound

### Packaging:

- Please contact Customer Service for packaging and color options

### Applications:

- Suitable for RF signal transmission
- CATV
- MATV
- Drop cable
- Local Area Network
- Monitor/VDT display
- See Coax Connector Cross Reference, pages 192-199

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION												
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'											
<b>C5770</b> RG 59/U Type UL CL2, CATV, CM CSA CMG 1354 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 40% Aluminum Braid 11.0 Ω/Mft.	Black PVC		16.00	52.50	78	80	1	0.50											
		0.144	3.66		0.231	5.87					10	1.00	50	2.30	100	3.30	200	4.10	500	6.50	1000	9.40	1450
<b>C5780</b> RG 59/U Type MATV UL CL2, CATV, CM CSA CMG 1354 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 40% Aluminum Braid 11.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60											
		0.144	3.66		0.234	5.94					10	1.20	50	1.95	100	2.70	200	3.70	500	5.70	1000	8.12	1450
<b>C5830</b> RG 59/U Type Tri-Shield UL CL2, CATV, CM c(UL) CM 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 95% Aluminum Braid + 100% Flexfoil® 3.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60											
		0.144	3.66		0.242	6.15					10	1.20	50	1.95	100	2.70	200	3.70	500	5.70	1000	8.12	1450
<b>C5784</b> RG 59/U Type Quad-Shield UL CL2, CATV, CM CSA CMG 1354 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® 1st Bonded (1) 67% (2) 46% Aluminum Braids 4.1 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60											
		0.144	3.66		0.270	6.86					10	1.20	50	1.95	100	2.70	200	3.70	500	5.70	1000	8.12	1450

# Multi-Conductor, Unshielded, Non-Plenum

## NEC Type FPLR

**Product Construction:**

**Conductor:**

- 22 thru 12 AWG fully annealed solid bare copper per ASTM B-3

**Insulation:**

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

**Jacket:**

- Premium-grade, red PVC
- Suitable for use from -20°C to +75°C
- Round constructions have sequential footage markings to facilitate installation
- Includes ripcord on round constructions

**Applications:**

- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

**Compliances:**

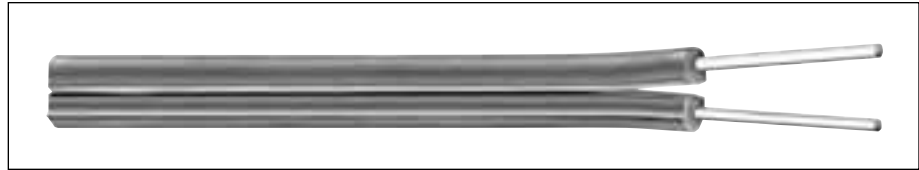
- NEC Article 760 Type FPLR (UL: 75°C, 300V)
- California State Fire Marshall Approved
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 1666 Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options

**Color Code Chart**

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow
7	Violet
8	Gray

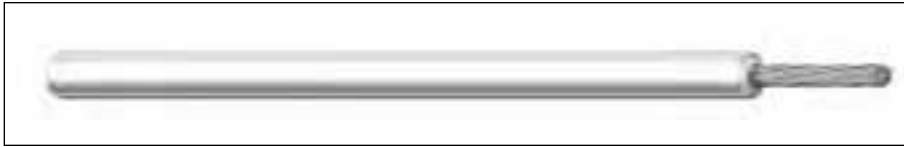


CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.	
				INCHES	mm	INCHES	mm
<b>DUPLIX PARALLEL, RIBBED FOR POLARITY</b>							
<b>E2402S</b>	2	18	Solid	0.032	0.81	0.105 x 0.210	2.67 x 5.33
<b>E2404S</b>	2	16	Solid	0.032	0.81	0.115 x 0.230	2.92 x 5.84
<b>E2406S</b>	2	14	Solid	0.032	0.81	0.126 x 0.260	3.20 x 6.60



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm
<b>22 AWG CONDUCTORS</b>									
<b>E1482S</b>	2	22	Solid	0.010	0.25	0.015	0.38	0.121	3.07
<b>E1484S</b>	4	22	Solid	0.010	0.25	0.015	0.38	0.140	3.56
<b>E1486S</b>	6	22	Solid	0.010	0.25	0.015	0.38	0.168	4.27
<b>18 AWG CONDUCTORS</b>									
<b>E1502S</b>	2	18	Solid	0.010	0.25	0.015	0.38	0.150	3.81
<b>E1503S</b>	3	18	Solid	0.010	0.25	0.015	0.38	0.160	4.06
<b>E1504S</b>	4	18	Solid	0.010	0.25	0.015	0.38	0.175	4.45
<b>E1505S</b>	5	18	Solid	0.010	0.25	0.015	0.38	0.193	4.90
<b>E1506S</b>	6	18	Solid	0.010	0.25	0.015	0.38	0.210	5.33
<b>E1508S</b>	8	18	Solid	0.010	0.25	0.015	0.38	0.230	5.84
<b>16 AWG CONDUCTORS</b>									
<b>E1512S</b>	2	16	Solid	0.010	0.25	0.015	0.38	0.172	4.37
<b>E1514S</b>	4	16	Solid	0.010	0.25	0.015	0.38	0.202	5.13
<b>14 AWG CONDUCTORS</b>									
<b>E1522S</b>	2	14	Solid	0.013	0.33	0.015	0.38	0.210	5.33
<b>E1524S</b>	4	14	Solid	0.013	0.33	0.015	0.38	0.248	6.30
<b>12 AWG CONDUCTORS</b>									
<b>E1532S</b>	2	12	Solid	0.013	0.33	0.015	0.38	0.244	6.20
<b>E1534S</b>	4	12	Solid	0.013	0.33	0.015	0.38	0.288	7.32

# UL 1007, UL 1569, CSA TR-64



**Product Construction:**

**Conductor:**

- 24 thru 16 AWG
- Fully annealed tinned copper per ASTM B-33
- Solid or stranded

**Insulation:**

- Premium-grade, color-coded PVC
- Temperature range: -20°C to +105°C
- Color code: See chart below

**Applications:**

- Internal wiring of electrical and electronic equipment
- Internal wiring of panels and meters
- Point-to-point wiring
- Suggested voltage rating: 300 volts

**Compliances:**

- UL Style 1007 – 80°C, 300V
- UL Style 1569 – 105°C, 300V
- CSA TR-64 – 90°C, 300V
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL VW-1 Vertical Wire Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.	
			INCHES	mm	INCHES	mm

**SOLID CONDUCTORS**

<b>C2003A</b>	24	Solid	0.016	0.41	0.052	1.32
<b>C2004A</b>	22	Solid	0.016	0.41	0.057	1.45
<b>C2028A</b>	20	Solid	0.016	0.41	0.064	1.63
<b>C2052A</b>	18	Solid	0.016	0.41	0.072	1.83
<b>C2053A</b>	16	Solid	0.016	0.41	0.083	2.11

**STRANDED CONDUCTORS**

<b>C2015A</b>	24	7/32	0.016	0.41	0.056	1.42
<b>C2016A</b>	22	7/30	0.016	0.41	0.062	1.57
<b>C2040A</b>	20	10/30	0.016	0.41	0.070	1.78
<b>C2064A</b>	18	16/30	0.016	0.41	0.080	2.03
<b>C2065A</b>	16	26/30	0.016	0.41	0.092	2.34

**Color Code Chart**

ORDERING SUFFIX	COLORS	ORDERING SUFFIX	COLORS
<b>01</b>	Black	<b>06</b>	Green
<b>02</b>	White	<b>07</b>	Blue
<b>03</b>	Red	<b>08</b>	Brown
<b>04</b>	Orange	<b>10</b>	Gray
<b>05</b>	Yellow	<b>19</b>	Violet

Striped combinations available upon request; consult Customer Service.



Designed to Meet  
UL VW-1 Vertical  
Wire Flame Test

Underwriters Laboratories Inc.



# Multi-Conductor, Shielded, Non-Plenum

## NEC Type FPLR

**Product Construction:**

**Conductor:**

- 22 thru 12 AWG fully annealed solid bare copper per ASTM B-3

**Insulation:**

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

**Shield:**

- Overall Flexfoil® polyester supported aluminum foil
- Stranded tinned copper drain wire

**Jacket:**

- Premium-grade, red PVC
- Temperature range: -20°C to +75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

**Applications:**

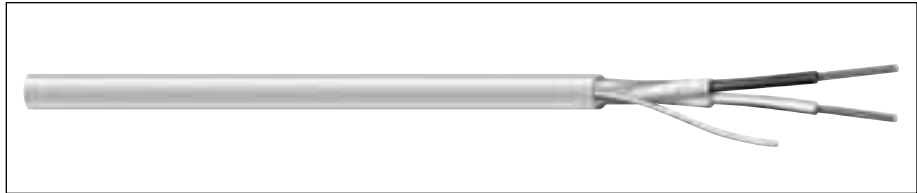
- Wiring of fire alarms
- Smoke alarms
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 760 Type FPLR (UL: 75°C, 300V)
- California State Fire Marshall Approved
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 1666 Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm

**22 AWG CONDUCTORS**

<b>E2482S</b>	2	22	Solid	0.010	0.25	0.015	0.38	0.126	3.20
<b>E2484S</b>	4	22	Solid	0.010	0.25	0.015	0.38	0.145	3.68

**18 AWG CONDUCTORS**

<b>E2502S</b>	2	18	Solid	0.010	0.25	0.015	0.38	0.158	4.01
<b>E2503S</b>	3	18	Solid	0.010	0.25	0.015	0.38	0.165	4.19
<b>E2504S</b>	4	18	Solid	0.010	0.25	0.015	0.38	0.183	4.65
<b>E2506S</b>	6	18	Solid	0.010	0.25	0.015	0.38	0.216	5.49
<b>E2508S</b>	8	18	Solid	0.010	0.25	0.015	0.38	0.235	5.97

**16 AWG CONDUCTORS**

<b>E2522S</b>	2	16	Solid	0.010	0.25	0.015	0.38	0.180	4.57
<b>E2524S</b>	4	16	Solid	0.010	0.25	0.015	0.38	0.210	5.33

**14 AWG CONDUCTORS**

<b>E2532S</b>	2	14	Solid	0.013	0.33	0.015	0.38	0.218	5.54
<b>E2534S</b>	4	14	Solid	0.013	0.33	0.015	0.38	0.253	6.43

**12 AWG CONDUCTORS**

<b>E2542S</b>	2	12	Solid	0.013	0.33	0.015	0.38	0.252	6.40
<b>E2544S</b>	4	12	Solid	0.013	0.33	0.015	0.38	0.293	7.44

**Color Code Chart**

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow
7	Violet
8	Gray

# UL 1015, CSA TEW

**Product Construction:**

**Conductor:**

- 24 thru 10 AWG
- Fully annealed tinned copper per ASTM B-33
- Solid or stranded

**Insulation:**

- Premium-grade, color-coded PVC
- Temperature range: -20°C to +105°C
- Color code: See chart below

**Applications:**

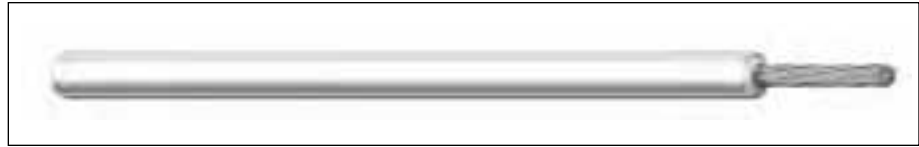
- Internal wiring of electrical and electronic equipment
- Internal wiring of panels and meters
- Point-to-point wiring
- Suggested voltage rating: 600 volts

**Compliances:**

- UL Style 1015 – 105°C, 600V
- CSA Type TEW
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL VW-1 Vertical Wire Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.	
			INCHES	mm	INCHES	mm

**SOLID CONDUCTORS**

<b>C2117A</b>	22	Solid	0.032	0.81	0.089	2.26
<b>C2118A</b>	20	Solid	0.032	0.81	0.096	2.44
<b>C2119A</b>	18	Solid	0.032	0.81	0.104	2.64

**STRANDED CONDUCTORS**

<b>C2100A</b>	24	7/32	0.032	0.81	0.088	2.24
<b>C2101A</b>	22	7/30	0.032	0.81	0.094	2.39
<b>C2102A</b>	20	10/30	0.032	0.81	0.102	2.59
<b>C2103A</b>	18	16/30	0.032	0.81	0.112	2.84
<b>C2104A</b>	16	26/30	0.032	0.81	0.124	3.15
<b>C2105A</b>	14	41/30	0.032	0.81	0.141	3.58
<b>C2106A</b>	12	65/30	0.032	0.81	0.160	4.06
<b>C2107A</b>	10	105/30	0.033	0.84	0.184	4.67

**Color Code Chart**

ORDERING SUFFIX	COLORS	ORDERING SUFFIX	COLORS
<b>01</b>	Black	<b>06</b>	Green
<b>02</b>	White	<b>07</b>	Blue
<b>03</b>	Red	<b>08</b>	Brown
<b>04</b>	Orange	<b>10</b>	Gray
<b>05</b>	Yellow	<b>19</b>	Violet

Striped combinations available upon request; consult Customer Service.

# Multi-Conductor, Shielded, Riser

## NEC Type CMR and/or CL3R

**Product Construction:**

**Conductor:**

- Stranded or solid bare copper per ASTM B-3, B-8 and B-286

**Insulation:**

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

**Shield:**

- Overall Flexfoil® polyester supported aluminum foil
- Stranded tinned copper drain wire

**Jacket:**

- Premium-grade, gray PVC
- Sequential footage markings to facilitate installation
- Temperature range: -20°C to +75°C
- Includes ripcord

**Applications:**

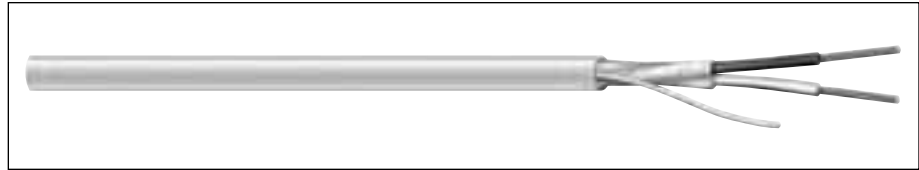
- Power-limited control circuits
- Wiring of the following systems:
  - Intercom
  - Security
  - Audio
  - Background music
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 725 Type CL3R (UL: 75°C,150V)
- NEC Article 800 Type CMR (UL: 75°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- California State Fire Marshall Approved

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm

**22 AWG CONDUCTORS**

<b>E2000S</b>	2	22	Solid	0.008	0.20	0.015	0.38	0.117	2.97
<b>E2002S</b>	2	22	7/30	0.008	0.20	0.015	0.38	0.132	3.35
<b>E2003S</b>	3	22	7/30	0.008	0.20	0.015	0.38	0.135	3.43
<b>E2004S</b>	4	22	7/30	0.008	0.20	0.015	0.38	0.147	3.73
<b>E2006S</b>	6	22	7/30	0.008	0.20	0.015	0.38	0.173	4.39
<b>E2008S</b>	8	22	7/30	0.008	0.20	0.015	0.38	0.195	4.95
<b>E2010S</b>	10	22	7/30	0.008	0.20	0.015	0.38	0.218	5.54
<b>E2012S</b>	12	22	7/30	0.010	0.25	0.015	0.38	0.238	6.05

**20 AWG CONDUCTORS**

<b>E2022S</b>	2	20	7/28	0.007	0.18	0.015	0.38	0.142	3.61
<b>E2023S</b>	3	20	7/28	0.008	0.20	0.015	0.38	0.151	3.84
<b>E2024S</b>	4	20	7/28	0.007	0.18	0.015	0.38	0.171	4.34

**18 AWG CONDUCTORS**

<b>E2030S</b>	2	18	Solid	0.009	0.20	0.015	0.38	0.147	3.73
<b>E2032S</b>	2	18	7/26	0.009	0.23	0.015	0.38	0.164	4.17
<b>E2033S</b>	3	18	7/26	0.009	0.23	0.015	0.38	0.172	4.37
<b>E2034S</b>	4	18	7/26	0.009	0.23	0.015	0.38	0.187	4.75
<b>E2036S</b>	6	18	7/26	0.008	0.20	0.015	0.38	0.230	5.54
<b>E2038S</b>	8	18	7/26	0.008	0.20	0.015	0.38	0.250	6.35
<b>E2040S</b>	10	18	7/26	0.008	0.20	0.015	0.38	0.287	7.29
<b>E2041S</b>	12	18	7/26	0.008	0.20	0.015	0.38	0.296	7.52

**16 AWG CONDUCTORS**

<b>E2042S</b>	2	16	19/.0117	0.009	0.23	0.015	0.38	0.189	4.80
<b>E2043S</b>	3	16	19/.0117	0.009	0.23	0.015	0.38	0.198	5.03
<b>E2044S</b>	4	16	19/.0117	0.009	0.23	0.015	0.38	0.219	5.56

**14 AWG CONDUCTORS**

<b>E2052S*</b>	2	14	19/.0147	0.013	0.33	0.015	0.38	0.245	6.22
<b>E2054S*</b>	4	14	19/.0147	0.013	0.33	0.015	0.38	0.269	6.83

**12 AWG CONDUCTORS**

<b>E2062S*</b>	2	12	19/.0185	0.013	0.33	0.015	0.38	0.281	7.14
<b>E2064S*</b>	4	12	19/.0185	0.013	0.33	0.015	0.38	0.312	7.92

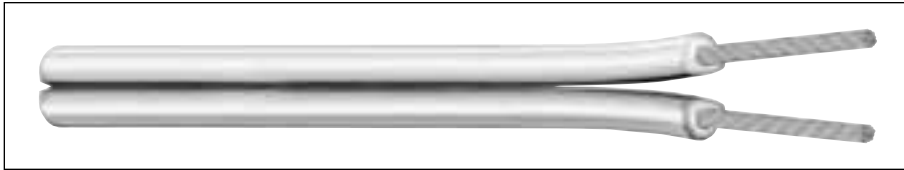
\* NEC CL3R only

**Color Code Chart**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	Red	8	Yellow
3	White	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

# Speaker Wire

UL Listed or AWM Style 1007



CATALOG NUMBER	NUMBER OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.	
				INCHES	mm	INCHES	mm
C1356	2	24	7/32	0.016	0.41	0.058x0.117	1.47x2.79
C1362	2	22	7/30	0.020	0.51	0.070x0.145	1.77x3.68
C1360	2	20	10/30	0.020	0.51	0.085x0.160	2.16x4.06
C1357	2	18	16/30	0.020	0.51	0.083x0.181	2.11x4.60
C1358	2	16	26/30	0.020	0.51	0.105x0.210	2.67x5.33
C1361	2	14	41/30	0.025	0.64	0.125x0.235	3.18x5.69
C1363	2	12	65/30	0.025	0.64	0.154x0.323	3.91x8.20

### Color Code Chart

ORDERING SUFFIX	COLORS
01	Black
02	White
08	Brown
10	Gray
90	Clear

### Product Construction:

#### Conductor:

- 24 thru 12 AWG fully annealed one bare, one tin stranded copper per ASTM B-174

#### Insulation/Jacket:

- Premium-grade PVC
- Color code: See chart below

### Applications:

- Digital audio
- Hi-fi and stereo speaker wire
- Jukeboxes
- Not for in-wall use
- Home theater

### Compliances:

- UL Wires Misc.
- RoHS Compliant Directive 2002/95/EC

### Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.	
				INCHES	mm	INCHES	mm
C7102A	2	18	77.0152	0.020	0.51	0.172	4.37

### Color Code Chart

ORDERING SUFFIX	STOCK COLOR
99	Black-White

### Product Construction:

#### Conductor:

- 18 AWG tinned annealed stranded copper
- Stranded tinned copper per ASTM B-33

#### Insulation:

- Premium-grade, color-coded PVC
- Temperature range: -30°C to +80°C
- Color code: See chart below

### Applications:

- Audio systems
- Not for in-wall use

### Compliances:

- UL Style 1007 (UL: 80°C, 900V)

### Packaging:

- 1000' (305m) reels



# Rubber/PVC/Polyethylene

## Product Construction:

### Conductor:

- 20, 18 and 14 AWG
- Fully annealed stranded tinned copper per ASTM B-33

### Insulation:

- Premium-grade, color-coded rubber, PVC or polyethylene
- Temperature range:
  - 20°C to +60°C rubber
  - 25°C to +60°C PVC
  - 20°C to +80°C polyethylene
- Color code: See chart below

### Applications:

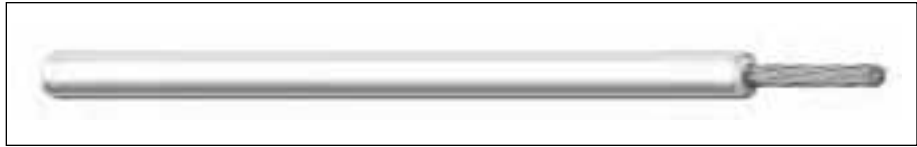
- Test equipment
- Oscillators

### Compliances:

- RoHS Compliant Directive 2002/95/EC

### Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		BREAKDOWN VOLTAGE (AC, rms)	WORKING VOLTAGE*	NOMINAL O.D.	
				INCHES	mm			INCHES	mm

#### RUBBER TEST LEAD

<b>C1326</b>	1	20	41/36	0.040	1.02	6,000V	1,500V	0.125	3.18
<b>C1319</b>	1	20	41/36	0.047	1.19	12,000V	3,000V	0.140	3.56
<b>C1321</b>	1	18	65/36	0.045	1.14	20,000V	5,000V	0.145	3.68
<b>C1318</b>	1	18	65/36	0.088	2.24	29,000V	10,000V	0.230	5.84

#### PVC TEST LEAD

<b>C1320A</b>	1	18	65/36	0.047	1.19	20,000V	5,000V	0.140	3.56
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#### POLYETHYLENE TEST LEAD

<b>C7108A</b>	1	14	105/34	0.032	0.81	4,000V	600V	0.140	3.56
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\*For intermittent duty only.

### Color Code Chart

ORDERING SUFFIX	COLORS
<b>01</b>	Black
<b>03</b>	Red
<b>06</b>	Green



# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B-33

### Insulation:

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See charts below

### Jacket:

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

## Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

## Features:

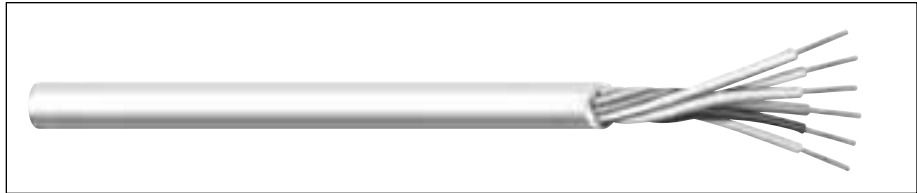
- Easy to terminate
- Excellent electrical properties
- Tinned conductors provide excellent corrosion resistance
- Assists soldering applications

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

## 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.		COLOR CODE	NOM. C-C CAP.* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
C2461A	2	24	7/32	0.010	0.25	0.032	0.81	0.152	3.86	Black/Red	23.0
C2462A	3	24	7/32	0.010	0.25	0.032	0.81	0.163	4.14	Black/Red/Green	23.0
C2463A	4	24	7/32	0.010	0.25	0.032	0.81	0.174	4.42	1	23.0
C2464A	5	24	7/32	0.010	0.25	0.032	0.81	0.183	4.75	1	23.0
C2466A	6	24	7/32	0.010	0.25	0.032	0.81	0.200	5.08	1	23.0
C2488A	7	24	7/32	0.010	0.25	0.032	0.81	0.200	5.08	1	23.0
C2465A	8	24	7/32	0.010	0.25	0.032	0.81	0.214	5.44	1	23.0
C2470A	9	24	7/32	0.010	0.25	0.032	0.81	0.227	5.77	1	23.0
C2471A	10	24	7/32	0.010	0.25	0.032	0.81	0.244	6.20	1	23.0
C2467A	12	24	7/32	0.010	0.25	0.032	0.81	0.251	6.38	1	23.0
C2473A	15	24	7/32	0.010	0.25	0.032	0.81	0.275	6.99	2	23.0

\*Capacitance between conductors

### Color Code Chart 1 - For cables up to and including 12 conductors

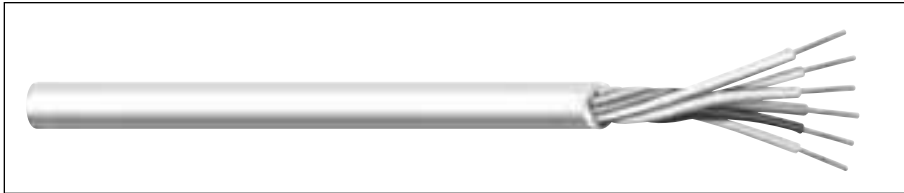
NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

### Color Code Chart 2 Per ICEA - For cables with 15 conductors

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	6	Blue	11	Blue/Black
2	White	7	White/Black	12	Black/White
3	Red	8	Red/Black	13	Red/White
4	Green	9	Green/Black	14	Green/White
5	Orange	10	Orange/Black	15	Blue/White

# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG



### Product Construction:

#### Conductor:

- 22 AWG fully annealed, stranded tinned copper per ASTM B-33

#### Insulation:

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See charts below

#### Jacket:

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

### Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

### Features:

- Easy to terminate
- Excellent electrical properties
- Tinned conductors provide excellent corrosion resistance
- Assists soldering applications

### Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- CSA CMG (CSA 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### 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.		COLOR CODE	NOM. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
C6348A†	2	22	7/30	0.010	0.25	0.015	0.38	0.130	3.30	Black/Red	24.5
C4062A	3	22	7/30	0.010	0.25	0.032	0.81	0.176	4.47	Black/Red/Green	24.5
C4063A	4	22	7/30	0.010	0.25	0.032	0.81	0.189	4.80	1	24.5
C4064A	5	22	7/30	0.010	0.25	0.032	0.81	0.203	5.16	1	24.5
C4066A	6	22	7/30	0.010	0.25	0.032	0.81	0.218	5.54	1	24.5
C4088A	7	22	7/30	0.010	0.25	0.032	0.81	0.205	5.54	1	24.5
C4065A	8	22	7/30	0.010	0.25	0.032	0.81	0.230	5.94	1	24.5
C4070A	9	22	7/30	0.010	0.25	0.032	0.81	0.249	6.32	1	24.5
C4071A	10	22	7/30	0.010	0.25	0.032	0.81	0.268	6.81	1	24.5
C4067A	12	22	7/30	0.010	0.25	0.032	0.81	0.276	7.01	1	24.5
C4073A	15	22	7/30	0.010	0.25	0.032	0.81	0.303	7.70	2	24.5
C4075A	20	22	7/30	0.010	0.25	0.032	0.81	0.334	8.48	2	24.5
C4076A	25	22	7/30	0.010	0.25	0.032	0.81	0.368	9.35	2	24.5
C4077A	30	22	7/30	0.010	0.25	0.032	0.81	0.389	9.88	2	24.5
C4078A	40	22	7/30	0.010	0.25	0.032	0.81	0.434	11.02	2	24.5
C4079A	50	22	7/30	0.010	0.25	0.032	0.81	0.489	12.42	2	24.5

\*Capacitance between conductors

†CM-CSA CMG Only

### Color Code Chart 1 - For cables up to and including 12 conductors

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

### Color Code Chart 2 Per ICEA - For cables of 15 thru 50 conductors

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



# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

- 20 or 18 AWG fully annealed stranded, tinned copper per ASTM B-33

### Insulation:

- Premium-grade, color-coded PVC per UL 1007
- Color code: See charts below

### Jacket:

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

## Applications:

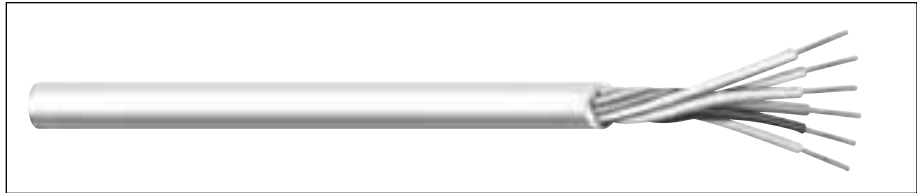
- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

## 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.		COLOR CODE	NOM. C-C CAP.* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm		
<b>C6351A†</b>	2	20	7/28	0.016	0.41	0.025	0.64	0.192	4.88	Black/Red	28.0
<b>C6352A</b>	3	20	7/28	0.016	0.41	0.032	0.81	0.216	5.50	1	28.0
<b>C6353A</b>	4	20	7/28	0.016	0.41	0.032	0.81	0.235	5.97	1	28.0
<b>C6355A</b>	5	20	7/28	0.016	0.41	0.032	0.81	0.254	6.46	1	28.0
<b>C6356A</b>	7	20	7/28	0.016	0.41	0.032	0.81	0.275	6.99	1	28.0
<b>C6357A</b>	9	20	7/28	0.016	0.41	0.032	0.81	0.317	8.05	1	28.0
<b>C6360A</b>	12	20	7/28	0.016	0.41	0.032	0.81	0.354	9.00	2	28.0
<b>C6358A</b>	15	20	7/28	0.016	0.41	0.032	0.81	0.392	9.96	2	28.0
<b>C2830A†</b>	2	18	16/30	0.016	0.41	0.015	0.64	0.190	5.33	Black/Red	30.5
<b>C2831A</b>	3	18	16/30	0.016	0.41	0.032	0.81	0.236	5.99	1	30.5
<b>C2404A</b>	4	18	16/30	0.016	0.41	0.032	0.81	0.258	6.55	1	30.5
<b>C2420A</b>	5	18	16/30	0.016	0.41	0.032	0.81	0.280	7.11	1	30.5
<b>C2421A</b>	7	18	16/30	0.016	0.41	0.032	0.81	0.309	7.85	1	30.5
<b>C2422A</b>	9	18	16/30	0.016	0.41	0.032	0.81	0.358	9.09	1	30.5
<b>C2412A</b>	12	18	16/30	0.016	0.41	0.032	0.81	0.401	10.19	2	30.5
<b>C2423A</b>	15	18	16/30	0.016	0.41	0.032	0.81	0.445	11.30	2	30.5
<b>C2424A</b>	19	18	16/30	0.016	0.41	0.032	0.81	0.469	11.91	2	30.5
<b>C2433A</b>	25	18	16/30	0.016	0.41	0.032	0.81	0.550	13.94	2	30.5

\*Capacitance between conductors  
 †CM (UL) c(UL), CSA CMG Only

**Color Code Chart 1 - For cables up to and including 9 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	6	Blue
2	White	7	Orange
3	Red	8	Yellow
4	Green	9	Violet
5	Brown		

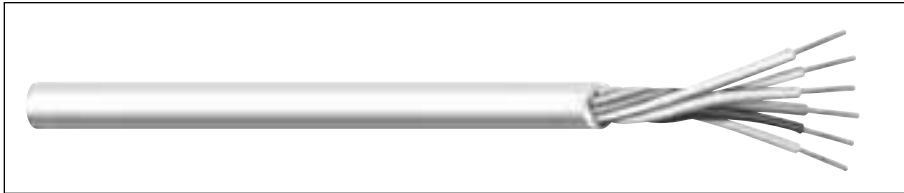
**Color Code Chart 2 Per ICEA - For cables of 12 thru 25 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	10	Orange/Black	19	Blue/Red
2	White	11	Blue/Black	20	Red/Green
3	Red	12	Black/White	21	Orange/Green
4	Green	13	Red/White	22	Black/White/Red
5	Orange	14	Green/White	23	White/Black/Red
6	Blue	15	Blue/White	24	Red/Black/White
7	White/Black	16	Black/Red	25	Green/Black/White
8	Red/Black	17	White/Red		
9	Green/Black	18	Orange/Red		



# Multi-Conductor, Unshielded

UL 2464, UL 2587, NEC Type CL3 and CM (UL) c(UL), CSA CMG



**Product Construction:**

**Conductor:**

- 16 thru 12 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

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

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +90°C

**Applications:**

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 725 Type CL3 (UL: 75°C)
- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2587 (UL: 90°C, 600V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

**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. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	

**NEC TYPE CM, UL STYLE 2464 (80°C, 300 VOLTS)**

C2405A	2	16	19/.0117	0.021	0.53	0.032	0.81	0.260	6.81	30.5
C2406A	3	16	19/.0117	0.021	0.53	0.032	0.81	0.283	7.19	30.5
C2425A	4	16	19/.0117	0.021	0.53	0.032	0.81	0.306	7.77	30.5
C2434A	5	16	19/.0117	0.021	0.53	0.032	0.81	0.334	8.48	30.5
C2426A	7	16	19/.0117	0.021	0.53	0.032	0.81	0.363	9.25	30.5
C2443A	8	16	19/.0117	0.021	0.53	0.032	0.81	0.393	10.03	30.5
C2435A	9	16	19/.0117	0.021	0.53	0.032	0.81	0.423	10.80	30.5
C2427A	12	16	19/.0117	0.021	0.53	0.032	0.81	0.476	12.17	30.5
C2428A	15	16	19/.0117	0.021	0.53	0.032	0.81	0.530	13.46	30.5
C2429A	19	16	19/.0117	0.021	0.53	0.032	0.81	0.559	14.33	30.5
C2436A	25	16	19/.0117	0.021	0.53	0.032	0.81	0.657	16.69	30.5

**NEC TYPE CL3, UL STYLE 2587 (90°C, 600 VOLTS)**

C2409A†	2	14	19/.0147	0.030	0.81	0.032	0.81	0.326	8.51	29.0
C2430A	4	14	19/.0147	0.032	0.81	0.032	0.81	0.391	9.93	28.2
C2437A	5	14	19/.0147	0.032	0.81	0.032	0.81	0.428	10.87	28.2
C2431A	7	14	19/.0147	0.032	0.81	0.032	0.81	0.469	11.91	28.2
C2410A	2	12	19/0.0185	0.032	0.81	0.032	0.81	0.366	9.40	31.0
C2440A	4	12	19/0.0185	0.032	0.81	0.032	0.81	0.437	11.02	31.0

\*Capacitance between conductors  
†CL3, UL2587, CSA CMH Only

**Color Code Chart Per ICEA**

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	10	Orange/Black	19	Blue/Red
2	White	11	Blue/Black	20	Red/Green
3	Red	12	Black/White	21	Orange/Green
4	Green	13	Red/White	22	Black/White/Red
5	Orange	14	Green/White	23	White/Black/Red
6	Blue	15	Blue/White	24	Red/Black/White
7	White/Black	16	Black/Red	25	Green/Black/White
8	Red/Black	17	White/Red		
9	Green/Black	18	Orange/Red		



# Multi-Conductor, Foil Shield

NEC Type CL2 and CM (UL) c(UL) CMH

## Product Construction:

### Conductor:

- 24 thru 12 AWG fully annealed solid or stranded tinned copper per ASTM B-33

### Insulation:

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

### Shield:

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

### Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

### Applications:

- Recording studios and sound stages
- Broadcast and sound systems
- Computers
- Industrial equipment control
- Suggested voltage rating: 300 or 600 volts

### Features:

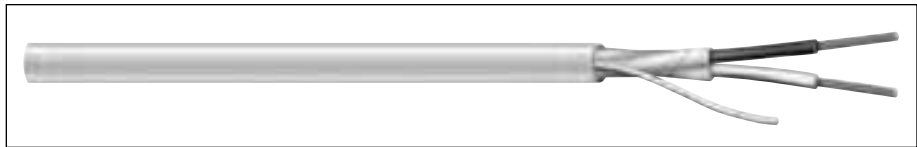
- Excellent electrical properties
- Superior shielding effectiveness
- 25% shield overlap provides excellent shielding efficiency
- Good flexibility

### Compliances:

- UL Style 2092 (UL: 60°C, 300V)
- UL Style 2093 (UL: 60°C, 300V)
- UL Style 2094 (UL: 60°C, 300V)
- UL Style 2106 (UL: 60°C, 600V)
- UL Style 2107 (UL: 60°C, 600V)
- UL Style 2464 (UL: 80°C, 300V)
- NEC Article 725 Type CL2 (UL: 75°C)
- NEC Article 800 Type CM (UL: 75°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- CSA CMH (CSA: 60°C)
- Passes CSA CMH Flame Test

### 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
<b>UL STYLE 2092, CM (UL) C(UL) CMH, 300V</b>											
<b>C2513A</b>	2	24	7/32	0.016	0.41	0.026	0.66	0.167	4.24	18.0	33.0
<b>C2514A</b>	2	22	7/30	0.016	0.41	0.020	0.51	0.167	4.24	20.0	36.0
<b>C2524A</b>	2	20	7/28	0.016	0.41	0.020	0.51	0.183	4.65	22.5	40.5
<b>C2534A</b>	2	18	16/30	0.016	0.41	0.020	0.51	0.201	5.21	25.5	45.5

Polyethylene Insulation, Color Code Chart #1

<b>UL STYLE 2093, CM (UL) c(UL) CMH, 300V</b>											
<b>C2526A</b>	3	22	7/30	0.016	0.41	0.030	0.76	0.196	4.98	18.5	33.5
<b>C2528A</b>	3	20	7/28	0.016	0.41	0.030	0.76	0.210	5.34	21.0	37.5
<b>C2525A</b>	3	20	7/28	0.016	0.41	0.030	0.76	0.213	5.41	21.0	37.0
<b>C2535A</b>	3	18	16/30	0.016	0.41	0.020	0.51	0.213	5.56	23.0	41.0

Polyethylene Insulation, Color Code Chart #1

<b>UL STYLE 2094, CM (UL) c(UL) CMH, 300V</b>											
<b>C2523A</b>	4	22	7/30	0.016	0.41	0.030	0.76	0.213	5.41	18.5	33.5
<b>C2555A</b>	4	20	7/28	0.016	0.41	0.030	0.76	0.234	5.94	20.5	36.5

Polyethylene Insulation, Color Code Chart #1

<b>UL STYLE 2106, CSA, 600V</b>											
<b>C2536A*</b>	2	16	19/.0117	0.031	0.79	0.032	0.81	0.307	7.80	20.0	36.0
<b>C2538A**</b>	2	14	19/.0147	0.031	0.79	0.032	0.81	0.335	8.51	23.0	42.0
<b>C2539A**</b>	2	12	19/.0185	0.032	0.81	0.032	0.81	0.376	9.55	26.0	46.0

\* CM (UL) c(UL) CMH

\*\* CL2

Polyethylene Insulation, Color Code Chart #1

<b>UL STYLE 2107, CM (UL) c(UL) CMH, 600V</b>											
<b>C2537A</b>	3	16	19/.0117	0.031	0.79	0.032	0.81	0.325	8.26	19.0	34.0

Polyethylene Insulation, Color Code Chart #1

<b>UL STYLE 2464, CL2/CM (UL) c(UL) CMH, 300V</b>											
<b>C2540A</b>	2	20	7/28	0.013	0.33	0.032	0.81	0.194	4.9	49.7	89.5

PVC Insulation, Color Code Chart #2

<b>CM (UL) c(UL) CMH, 300V</b>											
<b>C2515A</b>	2	22	Solid	0.007	0.18	0.020	0.51	0.124	3.15	30.0	55.0
<b>C2516A</b>	2	22	7/30	0.008	0.20	0.020	0.51	0.137	3.48	28.0	51.0
<b>C2517A</b>	3	22	7/30	0.008	0.20	0.020	0.51	0.144	3.36	25.0	45.0

Polypropylene Insulation, Color Code Chart #2

\*\*\*A - Capacitance between conductors

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

### Color Code Chart 1

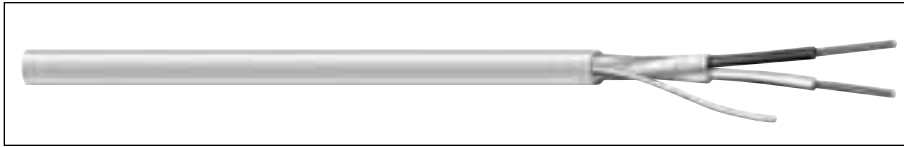
NO. OF COND.	COLOR
1	Black
2	Natural
3	Red
4	Green

### Color Code Chart 2

NO. OF COND.	COLOR
1	Black
2	Red
3	Clear

# Power-Limited Tray Cable, Foil Shield

NEC Type PLTC



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
C0450A	2	22	7/30	0.013	0.33	0.037	0.94	0.191	4.85	43.0	77.5
C0451A	3	22	7/30	0.013	0.33	0.037	0.94	0.199	5.05	39.5	71.0
C0452A	2	20	7/28	0.013	0.33	0.037	0.94	0.207	5.26	50.0	89.5
C0453A	3	20	7/28	0.013	0.33	0.037	0.94	0.217	5.51	45.0	81.0
C0454A	2	18	16/30	0.015	0.38	0.037	0.94	0.227	5.77	51.5	92.5
C0455A	3	18	16/30	0.015	0.38	0.037	0.94	0.238	6.04	46.5	83.5
C0456A	2	16	19/.0117	0.013	0.33	0.037	0.94	0.243	6.17	64.0	115.5
C0457A	3	16	19/.0117	0.013	0.33	0.037	0.94	0.255	6.48	56.5	102.0
C0458A	2	14	19/.0147	0.013	0.33	0.042	1.07	0.288	7.32	72.5	131.0
C0459A	3	14	19/.0147	0.015	0.33	0.042	1.07	0.298	7.57	60.0	108.0
C0460A	2	12	19/.0185	0.013	0.33	0.042	1.07	0.315	8.00	80.5	145.0

\*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	Red
3	White

### Product Construction:

#### Conductor:

- 22 thru 12 AWG fully annealed stranded tinned copper per ASTM B-33

#### Insulation:

- Premium-grade, color-coded 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 +105°C

### Applications:

- Cable tray installations
- Power limited circuits
- Intercom systems
- Business machines
- Cash registers
- Industrial control systems
- Petrochemical refineries
- Suggested voltage rating: 300 volts
- Burglar alarms

### Features:

- Sunlight-resistant PVC jacket
- Good weather resistance
- UL tray cable rated

### Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°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.





# Multi-Paired, Unshielded

UL 2464, NEC Type CM (UL) c(UL), CSA CMG



**Product Construction:**

**Conductor:**

- 18 AWG fully annealed stranded tinned copper per ASTM B-33
- Twisted pairs

**Insulation:**

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

**Jacket:**

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

**Applications:**

- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. C-C CAP* pF/ft
				INCHES	mm	INCHES	mm	INCHES	mm	
C6101A	1	18	16/30	0.013	0.33	0.032	0.81	0.206	5.23	26.3
C6118A	2	18	16/30	0.013	0.33	0.032	0.81	0.320	8.13	26.3
C6103A	3	18	16/30	0.013	0.33	0.032	0.81	0.338	8.59	26.3
C6119A	4	18	16/30	0.013	0.33	0.032	0.81	0.372	9.45	26.3
C6120A	5	18	16/30	0.013	0.33	0.032	0.81	0.408	10.36	26.3
C6106A	6	18	16/30	0.013	0.33	0.032	0.81	0.445	11.30	26.3
C6121A	8	18	16/30	0.013	0.33	0.032	0.81	0.484	12.29	26.3
C6109A	9	18	16/30	0.013	0.33	0.032	0.81	0.522	13.26	26.3
C6111A	15	18	16/30	0.013	0.33	0.032	0.81	0.659	16.74	26.3

\* Capacitance between conductors

**Color Code Chart**

NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Black paired with Red	9	Red paired with Green
2	Black paired with White	10	Red paired with Blue
3	Black paired with Green	11	Red paired with Yellow
4	Black paired with Blue	12	Red paired with Brown
5	Black paired with Yellow	13	Red paired with Orange
6	Black paired with Brown	14	Green paired with White
7	Black paired with Orange	15	Green paired with Blue
8	Red paired with White		

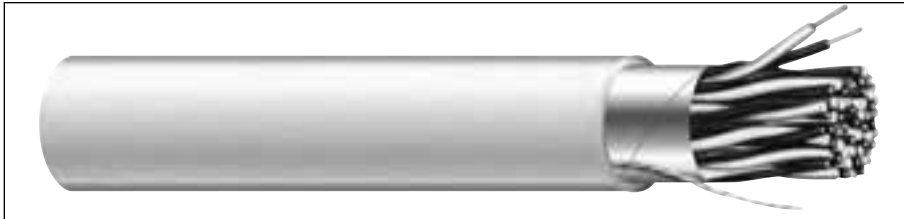
**Packaging:**

- Please contact Customer Service for packaging and color options



# Power-Limited Tray Cable, Foil Shield or Foil/Braid Shield

UL 2464, NEC Type PLTC/CM, CSA CMG



### Product Construction:

#### Conductor:

- 22 or 18 AWG fully annealed stranded tinned copper per ASTM B-33
- Twisted pairs

#### Insulation:

- Premium-grade, color-coded PVC or FMPE
- Color code: See chart below

#### Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire
- 65% tinned copper braid (C7101A, C7103A and C7107A only)

#### Jacket:

- PVC, gray or black
- Temperature range: -20°C to +60°C or +105°C

### Applications:

- Power-limited circuits
- Intercom systems
- Business machines
- Computer interconnects
- Suitably marked for appropriate tray cable installations
- Petrochemical control systems
- Burglar alarms
- Suggested voltage rating: 300 volts

### Features:

- Superior temperature characteristics
- Robust, highly durable
- Sunlight-resistant jacket

### Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C or 60°C, 300V)
- NEC Article 800 Communications Cable (UL: 105°C or 60°C, 300V)
- †UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C) or CM c(UL)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options

† UL Style 2464 only available on PVC insulation constructions

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B

### PVC INSULATION – UL STYLE 2464, NEC TYPE PLT/CM, CSA CMG, 105°C

C0550A	2	22	7/.0096	0.015	0.38	0.042	1.07	0.294	7.47	32.0	57.0
C0551A	3	22	7/.0096	0.015	0.38	0.042	1.07	0.309	7.85	29.0	52.2
C0552A	4	22	7/.0096	0.015	0.38	0.042	1.07	0.337	8.56	29.0	52.2
C0553A	6	22	7/.0096	0.015	0.38	0.042	1.35	0.418	10.62	26.5	47.7
C0554A	9	22	7/.0096	0.015	0.38	0.042	1.35	0.480	12.19	26.5	47.7
C0555A	11	22	7/30	0.015	0.38	0.053	1.35	0.520	13.21	27.0	48.5
C0556A	15	22	7/30	0.015	0.38	0.053	1.35	0.592	15.04	27.0	48.5
C0560A	2	18	16/30	0.016	0.41	0.042	1.07	0.314	7.98	40.0	72.0
C0561A	3	18	16/30	0.016	0.41	0.042	1.35	0.403	10.24	33.5	60.3
C0562A	4	18	16/30	0.016	0.41	0.042	1.35	0.440	11.18	33.5	60.3
C0563A	6	18	16/30	0.016	0.41	0.042	1.35	0.519	13.18	30.5	54.9
C0564A	9	18	16/30	0.016	0.41	0.042	1.60	0.622	15.80	30.5	54.9
C0566A	15	18	16/30	0.016	0.41	0.042	1.60	0.622	15.80	30.5	54.9

\*A – Capacitance between conductors

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

### Color Code Chart

NO. OF PAIRS	COLOR
1 thru 9	Black/Red

Each pair marked and numbered



### LO-CAP® DATACOM COLOR CODE WITH 65% TINNED COPPER BRAID

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B

### FOAMED POLYETHYLENE INSULATION – NEC TYPE PLTC/CM, CEC CM c(UL), 60°C

C7112A	1	22	7/.0096	0.024	0.61	0.037	0.94	0.261	6.63	11.5	20.5
C7114A	2	22	7/.0096	0.017	0.43	0.042	1.07	0.343	8.71	11.0	19.6
C7116A	3	22	7/.0096	0.015	0.38	0.042	1.07	0.344	8.74	11.0	19.6

\*A – Capacitance between conductors

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

### Color Code Chart

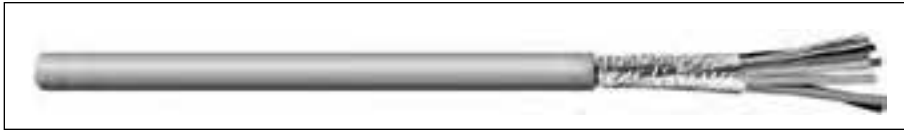
NO. OF PAIRS	COLOR
1	White/Blue Stripe and Blue/White Stripe
2	White/Orange Stripe and Orange/White Stripe
3	White/Green Stripe and Green/White Stripe





# Multi-Conductor, Foil Shield

UL 2464, NEC Type CMR (UL) c(UL), CSA CMG



**Product Construction:**

**Conductor:**

- 24 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See charts below

**Shield:**

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

**Jacket:**

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

**Applications:**

- Computer interconnections
- Data transmission
- Control circuits
- Industrial equipment control
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 Type CMR (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft @20°C		NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.	A	B
C0740A	2	24	7/32	0.010	0.25	0.032	0.81	0.157	3.99	26.0	7.2	36.0	64.0
C0741A	3	24	7/32	0.010	0.25	0.032	0.81	0.164	4.17	26.0	7.2	33.0	59.0
C0742A	4	24	7/32	0.010	0.25	0.032	0.81	0.175	4.45	26.0	7.2	33.0	59.0
C0753A	5	24	7/32	0.010	0.25	0.032	0.81	0.188	4.78	26.0	7.2	33.0	59.0
C0743A	6	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	26.0	7.2	30.0	55.0
C0754A	7	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	26.0	7.2	30.0	55.0
C0744A	8	24	7/32	0.010	0.25	0.032	0.81	0.215	5.46	26.0	7.2	30.0	55.0
C0755A	9	24	7/32	0.010	0.25	0.032	0.81	0.228	5.79	26.0	7.2	30.0	55.0
C0745A	10	24	7/32	0.010	0.25	0.032	0.81	0.245	6.22	26.0	7.2	30.0	55.0

\*A – Capacitance between conductors

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

**Color Code Chart 1 - For cables up to and including 10 conductors**

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	6	Light Blue
2	White	7	Orange
3	Red	8	Yellow
4	Light Green	9	Violet
5	Light Brown	10	Gray

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft @20°C		NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.	A	B
C0746A	15	24	7/32	0.010	0.25	0.032	0.81	0.276	7.01	26.0	7.2	30.0	55.0
C0747A	20	24	7/32	0.010	0.25	0.032	0.81	0.303	7.70	26.0	7.2	30.0	55.0
C0748A	25	24	7/32	0.010	0.25	0.032	0.81	0.333	8.46	26.0	7.2	30.0	55.0
C0749A	30	24	7/32	0.010	0.25	0.032	0.81	0.351	8.92	26.0	7.2	30.0	55.0
C0750A	40	24	7/32	0.010	0.25	0.032	0.81	0.391	9.93	26.0	7.2	30.0	55.0
C0751A	50	24	7/32	0.010	0.25	0.032	0.81	0.439	11.15	26.0	7.2	30.0	55.0

\*A – Capacitance between conductors

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

**Color Code Chart 2 Per ICEA - For cables of 15 thru 50 conductors**

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



# Multi-Conductor, Foil Shield

UL 2464, NEC Type CM (UL) c(UL) or CMR (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

- 22 or 20 AWG fully annealed stranded tinned copper per ASTM B-33

### Insulation:

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

### Shield:

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

### Jacket:

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

## Applications:

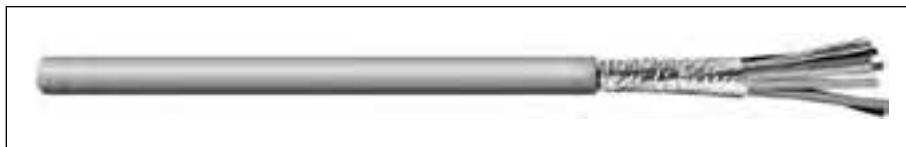
- Computer interconnections
- Data transmission
- Control circuits
- Industrial equipment control
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

## Compliances:

- NEC Article 800 Type CM - 20 or 22 AWG (UL: 75°C)
- NEC Article 800 Type CMR - 20 or 22 AWG (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

## Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR @20°C		NOMINAL CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.	A	B

### S-R PVC – CMR (UL) c(UL)

<b>C0760A</b>	2	22	7/30	0.010	0.25	0.032	0.81	0.169	4.29	16.5	6.3	36.0	65.0
<b>C0761A</b>	3	22	7/30	0.010	0.25	0.032	0.81	0.177	4.50	16.5	6.3	36.0	65.0
<b>C0762A</b>	4	22	7/30	0.010	0.25	0.032	0.81	0.190	4.83	16.5	6.3	36.0	65.0
<b>C0763A</b>	6	22	7/30	0.010	0.25	0.032	0.81	0.219	5.56	16.5	6.3	34.0	61.0
<b>C0764A</b>	8	22	7/30	0.010	0.25	0.032	0.81	0.235	5.97	16.5	6.3	34.0	61.0
<b>C0765A</b>	10	22	7/30	0.010	0.25	0.032	0.81	0.269	6.83	16.5	6.3	34.0	61.0
<b>C0766A</b>	15	22	7/30	0.010	0.25	0.032	0.81	0.304	7.72	16.5	6.3	34.0	61.0
<b>C0767A</b>	20	22	7/30	0.010	0.25	0.032	0.81	0.335	8.51	16.5	6.3	34.0	61.0
<b>C0768A</b>	25	22	7/30	0.010	0.25	0.032	0.81	0.369	9.37	16.5	6.3	34.0	61.0

### PVC – CM (UL) c(UL)

<b>C0780A</b>	2	20	7/28	0.016	0.41	0.032	0.81	0.207	5.26	11.0	6.3	39.0	70.0
<b>C0781A</b>	3	20	7/28	0.016	0.41	0.032	0.81	0.217	5.51	11.0	6.3	39.0	70.0
<b>C0782A</b>	4	20	7/28	0.016	0.41	0.032	0.81	0.236	5.99	11.0	6.3	39.0	70.0
<b>C0783A</b>	6	20	7/28	0.016	0.41	0.032	0.81	0.276	7.01	11.0	6.3	37.0	66.0
<b>C0784A</b>	8	20	7/28	0.016	0.41	0.032	0.81	0.297	7.54	11.0	6.3	37.0	66.0
<b>C0785A</b>	10	20	7/28	0.016	0.41	0.032	0.81	0.345	8.76	11.0	6.3	37.0	66.0
<b>C0786A</b>	15	20	7/28	0.016	0.41	0.032	0.81	0.393	9.98	11.0	6.3	37.0	66.0
<b>C0787A</b>	20	20	7/28	0.016	0.41	0.032	0.81	0.435	11.05	11.0	6.3	37.0	66.0
<b>C0788A</b>	25	20	7/28	0.016	0.41	0.032	0.81	0.483	12.27	11.0	6.3	40.0	72.0

\*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	NO. OF COND.	COLOR
<b>1</b>	Black	<b>10</b>	Orange/Black	<b>19</b>	Blue/Red
<b>2</b>	White	<b>11</b>	Blue/Black	<b>20</b>	Red/Green
<b>3</b>	Red	<b>12</b>	Black/White	<b>21</b>	Orange/Green
<b>4</b>	Green	<b>13</b>	Red/White	<b>22</b>	Black/White/Red
<b>5</b>	Orange	<b>14</b>	Green/White	<b>23</b>	White/Black/Red
<b>6</b>	Blue	<b>15</b>	Blue/White	<b>24</b>	Red/Black/White
<b>7</b>	White/Black	<b>16</b>	Black/Red	<b>25</b>	Green/Black/White
<b>8</b>	Red/Black	<b>17</b>	White/Red		
<b>9</b>	Green/Black	<b>18</b>	Orange/Red		

# Multi-Paired, Foil Shield

UL 2464, NEC Type CMR (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B-33
- Twisted pairs

### Insulation:

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See chart below

### Shield:

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

### Jacket:

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

### Applications:

- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

### Features:

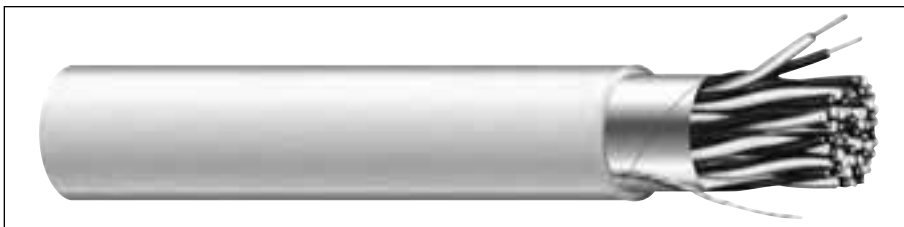
- Superior shielding where noise rejection is critical
- Assists system designers in meeting FCC Docket 20780 demands

### Compliances:

- NEC Article 800 Type CMR (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA, 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft		NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.	A	B
C0600A	1	24	7/32	0.010	0.25	0.032	0.81	0.157	3.99	25.7	7.2	19.7	21.5
C0601A	2	24	7/32	0.010	0.25	0.032	0.81	0.214	5.44	25.7	7.2	28.7	21.5
C0602A	3	24	7/32	0.010	0.25	0.032	0.81	0.225	5.72	25.7	7.2	25.7	21.5
C0603A	4	24	7/32	0.010	0.25	0.032	0.81	0.245	6.23	25.7	7.2	25.7	20.2
C0604A	5	24	7/32	0.010	0.25	0.032	0.81	0.265	6.73	25.7	7.2	25.7	20.2
C0605A	6	24	7/32	0.010	0.25	0.032	0.81	0.287	7.29	25.7	7.2	23.7	42.7
C0606A	7	24	7/32	0.010	0.25	0.032	0.81	0.287	7.29	25.7	7.2	23.7	42.7
C0607A	8	24	7/32	0.010	0.25	0.032	0.81	0.309	7.85	25.7	7.2	23.7	42.7
C0608A	9	24	7/32	0.010	0.25	0.032	0.81	0.331	8.41	25.7	7.2	23.7	42.7
C0609A	10	24	7/32	0.010	0.25	0.032	0.81	0.359	9.12	25.7	7.2	23.7	42.7
C0610A	15	24	7/32	0.010	0.25	0.032	0.81	0.410	10.41	25.7	7.2	23.7	42.7
C0611A	19	24	7/32	0.010	0.25	0.032	0.81	0.432	10.97	25.7	7.2	23.7	42.7
C0612A	25	24	7/32	0.010	0.25	0.032	0.81	0.505	12.84	25.7	7.2	23.7	42.7
C0720A	1	22	7/30	0.010	0.25	0.032	0.81	0.169	4.29	16.6	6.2	40.4	72.6
C0721A	2	22	7/30	0.010	0.25	0.032	0.81	0.234	5.94	16.6	6.2	32.3	58.1
C0722A	3	22	7/30	0.010	0.25	0.032	0.81	0.246	6.25	16.6	6.2	27.8	50.1
C0723A	4	22	7/30	0.010	0.25	0.032	0.81	0.269	6.83	16.6	6.2	27.8	50.1
C0724A	5	22	7/30	0.010	0.25	0.032	0.81	0.292	7.42	16.6	6.2	27.8	50.1
C0725A	6	22	7/30	0.010	0.25	0.032	0.81	0.317	8.05	16.6	6.2	25.5	45.9
C0726A	9	22	7/30	0.010	0.25	0.032	0.81	0.367	9.32	16.6	6.2	25.5	45.9
C0728A	15	22	7/30	0.010	0.25	0.032	0.81	0.457	11.62	16.6	6.2	25.5	45.9
C0729A	19	22	7/30	0.010	0.25	0.032	0.81	0.482	12.24	16.6	6.2	25.5	45.9
C0730A	27	22	7/30	0.010	0.25	0.032	0.81	0.576	14.36	16.6	6.2	26.0	46.0

\*A - Capacitance between conductors

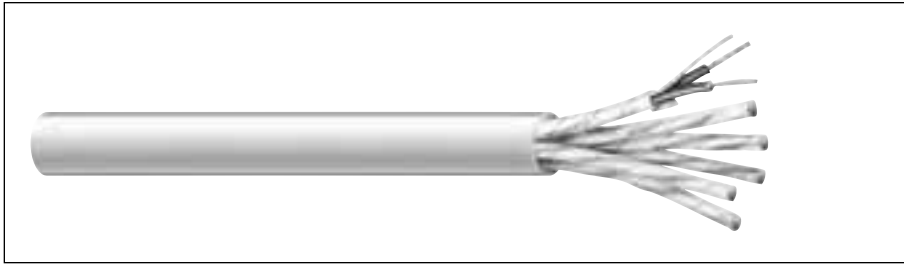
\*B - Capacitance between one conductor and other conductors connected to shield

### Color Code Chart

NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Black with Red	14	Green with White
2	Black with White	15	Green with Blue
3	Black with Green	16	Green with Yellow
4	Black with Blue	17	Green with Brown
5	Black with Yellow	18	Green with Orange
6	Black with Brown	19	White with Blue
7	Black with Orange	20	White with Yellow
8	Red with White	21	White with Brown
9	Red with Green	22	White with Orange
10	Red with Blue	23	Blue with Yellow
11	Red with Yellow	24	Blue with Brown
12	Red with Brown	25	Blue with Orange
13	Red with Orange	26	Brown with Yellow
		27	Brown with Orange

# Multi-Paired, Individually Foil Shielded

UL 2919, NEC Type CM, CSA CMH



### Product Construction:

#### Conductor:

- 24 thru 18 AWG fully annealed stranded tinned copper per ASTM B-33
- Twisted pairs

#### Insulation:

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

#### Shield:

- Individually shielded pairs
- 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing in
- Stranded tinned copper drain wire each pair

#### Jacket:

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

### Applications:

- Applications for total isolation of signal
- Computers
- Control circuits
- Industrial equipment
- Suggested voltage rating: 30 volts

### Features:

- Individually shielded pairs for excellent signal isolation
- Excellent high frequency properties
- Mechanical durability

### Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2919 (UL: 80°C, 30V)
- CSA CMH (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMH Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR Ω/kft	VEL. OF PROP., %	NOM. IMP., Ω	NOMINAL CAP.** pF/ft		
				INCHES	mm	INCHES	mm	INCHES	mm				COND. SHLD.	A	B
C6065A	3	24	7/32	0.011	0.28	0.032	0.81	0.269	6.83	26.0	18.0	66	71	21.7	39.0
C6066A	6	24	7/32	0.011	0.28	0.032	0.81	0.349	8.86	26.0	18.0	66	71	21.7	39.0
C6067A	9	24	7/32	0.011	0.28	0.032	0.81	0.406	10.31	26.0	18.0	66	71	21.7	39.0
C6040A	3	22	7/30	0.011	0.28	0.032	0.81	0.292	7.42	16.5	11.3	66	63	24.4	43.9
C6041A	6	22	7/30	0.011	0.28	0.032	0.81	0.381	9.68	16.5	11.3	66	63	24.4	43.9
C6042A	9	22	7/30	0.011	0.28	0.032	0.81	0.445	11.30	16.5	11.3	66	63	24.4	43.9
C6043A	11	22	7/30	0.011	0.28	0.032	0.81	0.486	12.34	16.5	11.3	66	63	24.4	43.9
C6059A	12	22	7/30	0.011	0.28	0.048	1.22	0.533	13.54	16.5	11.3	66	63	24.4	43.9
C6044A	15	22	7/30	0.011	0.28	0.048	1.22	0.591	15.01	16.5	11.3	66	63	24.4	43.9
C6060A	17	22	7/30	0.011	0.28	0.048	1.22	0.622	15.80	16.5	11.3	66	63	24.4	43.9
C6045A	19	22	7/30	0.011	0.28	0.048	1.22	0.622	15.80	16.5	11.3	66	63	24.4	43.9
C6046A*	27	22	7/30	0.011	0.28	0.048	1.22	0.696	17.68	16.5	11.3	66	63	24.4	43.9
C6052A	3	20	7/28	0.013	0.33	0.032	0.81	0.339	8.61	10.5	10.2	66	61	25.3	45.6
C6053A	6	20	7/28	0.013	0.33	0.032	0.81	0.446	11.33	10.5	10.2	66	61	25.3	45.6
C6054A	9	20	7/28	0.013	0.33	0.048	1.22	0.555	14.10	10.5	10.2	66	61	25.3	45.6
C6056A	12	20	7/28	0.013	0.33	0.048	1.22	0.623	15.82	10.5	10.2	66	61	25.3	45.6
C6058A	15	20	7/28	0.013	0.33	0.048	1.22	0.692	17.58	10.5	10.2	66	61	25.3	45.6
C6047A	3	18	16/30	0.016	0.41	0.032	0.81	0.395	10.03	7.2	8.3	66	60	25.7	46.2
C6048A	6	18	16/30	0.016	0.41	0.048	1.22	0.556	14.12	7.2	8.3	66	60	25.7	46.2
C6049A	9	18	16/30	0.016	0.41	0.048	1.22	0.649	16.48	7.2	8.3	66	60	25.7	46.2
C6050A	12	18	16/30	0.016	0.41	0.048	1.22	0.731	18.57	7.2	8.3	66	60	25.7	46.2
C6051A	15	18	16/30	0.016	0.41	0.048	1.22	0.776	19.71	7.2	8.3	66	60	25.7	46.2

\*UL 2919, CSA CMH Only

\*\*A – Capacitance between conductors

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

### Color Code Chart

NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Black paired with Red	10	Red paired with Blue	19	White paired with Blue
2	Black paired with White	11	Red paired with Yellow	20	White paired with Yellow
3	Black paired with Green	12	Red paired with Brown	21	White paired with Brown
4	Black paired with Blue	13	Red paired with Orange	22	White paired with Orange
5	Black paired with Yellow	14	Green paired with White	23	Blue paired with Yellow
6	Black paired with Brown	15	Green paired with Blue	24	Blue paired with Brown
7	Black paired with Orange	16	Green paired with Yellow	25	Blue paired with Orange
8	Red paired with White	17	Green paired with Brown	26	Brown paired with Yellow
9	Red paired with Green	18	Green paired with Orange	27	Brown paired with Orange



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