Multi-Conductor, Shielded, Plenum

NEC Type CMP and/or CL3P

Product Construction:

Conductor:

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

Insulation:

- Premium-grade, color-coded Flexguard® PVC

Shield:

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

Jacket:

- Premium-grade natural Flexguard® PVC
- Sequential footage markings to facilitate installation
- Temperature range: 0°C to +75°C
- Ripcord available—consult Customer Service for details

Applications:

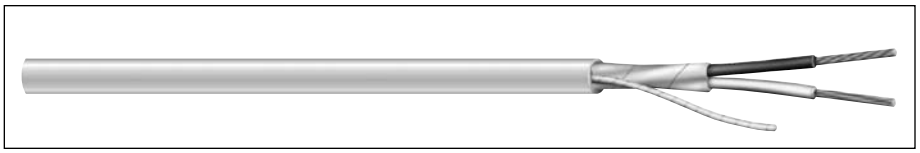
- Power-limited control circuits
- Wiring of the following systems:
  - Intercom
  - Security
  - Audio
  - Background music
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 725 Type CL3P (UL: 75°C, 150V)
- NEC Article 800 Type CMP (UL: 75°C, 300V)
- Designed to meet NFPA 262 Flame Test
- 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									
E2100S	2	22	Solid	0.007	0.18	0.015	0.38	0.116	2.95
E2102S	2	22	7/30	0.008	0.20	0.015	0.38	0.128	3.25
E2103S	3	22	7/30	0.008	0.20	0.015	0.38	0.131	3.33
E2104S	4	22	7/30	0.008	0.20	0.015	0.38	0.147	3.73
E2106S	6	22	7/30	0.008	0.20	0.015	0.38	0.176	4.47
E2108S	8	22	7/30	0.010	0.25	0.015	0.38	0.184	4.67
20 AWG CONDUCTORS									
E2122S	2	20	7/28	0.009	0.23	0.015	0.38	0.143	3.63
E2123S	3	20	7/28	0.009	0.23	0.015	0.38	0.151	3.84
E2124S	4	20	7/28	0.009	0.23	0.015	0.38	0.166	4.22
18 AWG CONDUCTORS									
E2200S	2	18	Solid	0.008	0.20	0.015	0.38	0.148	3.76
E2202S	2	18	7/26	0.008	0.20	0.015	0.38	0.164	4.17
E2203S	3	18	7/26	0.008	0.20	0.015	0.38	0.169	4.29
E2204S	4	18	7/26	0.008	0.20	0.015	0.38	0.185	4.70
E2206S	6	18	7/26	0.010	0.25	0.015	0.38	0.230	5.84
E2208S	8	18	7/26	0.010	0.25	0.015	0.38	0.252	6.40
16 AWG CONDUCTORS									
E2242S	2	16	19/.0117	0.008	0.20	0.015	0.38	0.179	4.55
E2243S	3	16	19/.0117	0.008	0.20	0.015	0.38	0.190	4.83
E2244S	4	16	19/.0117	0.008	0.20	0.015	0.38	0.209	5.31
14 AWG CONDUCTORS									
E2252S*	2	14	19/.0147	0.008	0.20	0.015	0.38	0.207	5.26
E2254S*	4	14	19/.0147	0.008	0.20	0.015	0.38	0.260	6.60
12 AWG CONDUCTORS									
E2262S*	2	12	19/.0185	0.008	0.20	0.015	0.38	0.244	6.20
E2264S*	4	12	19/.0185	0.008	0.20	0.015	0.38	0.288	7.32

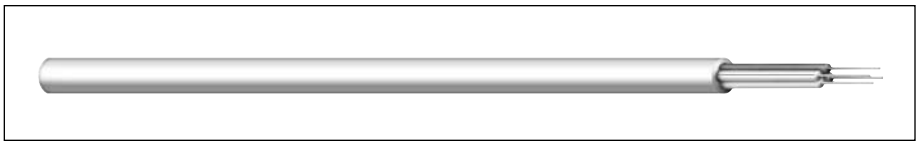
* NEC CL3P only

Color Code Chart

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

Telephone Station/Intercom & Speaker/ Burglar Alarm NEC Types CMR or CM/CL2 and CMX-Outdoor

Burglar Alarm Cable also available in 500' Coil Packs*



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm
INTERCOM, SPEAKER AND BURGLAR ALARM									
C4408*	2	22	Solid	0.007	0.18	0.020	0.51	0.115	2.92
C4408ST*	2	22	7/.0096	0.007	0.18	0.020	0.51	0.125	3.18
C4410	3	22	Solid	0.007	0.18	0.016	0.41	0.118	3.00
C4412*	4	22	Solid	0.007	0.18	0.015	0.38	0.125	3.18
C4412ST*	4	22	7/.0096	0.007	0.18	0.015	0.38	0.135	3.43

Color Code Chart

NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Red	**3**	Yellow
2	Green	**4**	Black

TELEPHONE STATION CATEGORY 3

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm
C4413	2	24	Solid	0.007	0.18	0.015	0.38	0.145 x 0.095	3.68 x 2.41

Note: Outdoor rating allows cable to be exposed for short distances from the network interface device on the outside of the house to the point where the cable enters the house. This type of cable is not to be buried or direct buried.

Color Code Chart (Bandmarked)

NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	White-Blue Band Blue	**2**	White-Orange Band Orange

Product Construction:

Conductor:
- Solid or stranded bare copper per ASTM B-3

Insulation:
- Semi-rigid, flame-retardant PVC
- Color code: See chart below

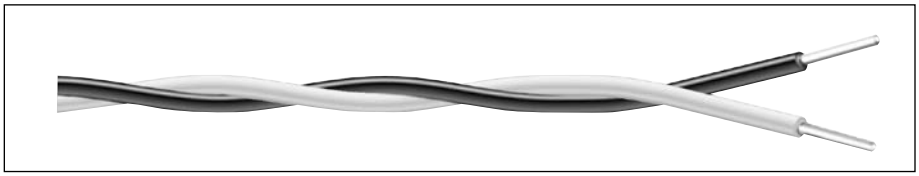
Core:
- Conductors in a quad configuration (C4412)

Jacket:
- Low-temperature, flame-retardant beige PVC (-20°C to +60°C)
- Sequential footage markings to facilitate installation
- Cables are suitable for installation with T-18 staples

Applications:
- Intercom systems and speaker extension service
- Suggested voltage rating: 300 volts
- **C4413 only:** Product is in conformance with TIA 568C, TIA 570B standards and the FCC Part 68 ruling which requires telephone system cables for voice and data services into homes to be at minimum category 3, 2 pr. 22 AWG solid.

Compliances:
- NEC Article 800 Type CMR/CMX-Indoor/ Outdoor; UL Listed (60°C, 300V)
- Coil Packs (500') – NEC Article 800 Type CM/CMX-Indoor/Outdoor; ETL Listed
- Coil Packs (500') – NEC Article 725 Type CL2; ETL Listed
- C4413 only, Category 3
- RoHS Compliant Directive 2002/95/EC

Packaging:
- Please contact Customer Service for packaging and color options



BURGLAR ALARM

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.		NOM.* C-C CAP. pF/ft
				INCHES	mm	INCHES	mm	
C6310	2	22	7/30	0.024	0.61	0.156	3.96	20.0
C6311	2	20	7/28	0.024	0.61	0.172	4.37	22.5
C6312	2	18	7/0.015	0.024	0.61	0.192	4.88	24.5
C6313	3	18	7/0.015	0.024	0.61	0.202	5.13	28.5

*Capacitance between conductors

Color Code Chart

STOCK COLORS	ORDERING SUFFIX	STOCK COLORS	ORDERING SUFFIX
1. White-White	02	**3. Black-White**	96
2. Brown-Brown	08		

Product Construction:

Conductor:
- 22 thru 18 AWG one tinned/one bare fully annealed stranded copper
- Stranded bare copper per ASTM B-3 or stranded tinned copper per ASTM B-33

Insulation:
- Premium-grade, color-coded PVC
- Temperature range: -20°C to +60°C
- Color code: See chart below

Applications:
- Burglar alarms
- Intercom systems
- Remote control circuits
- Suggested voltage rating: 150 volts

Features:
- Polarity ridge for easy identification

Compliances:
- NEC Article 725 Type CL2 (UL: 60°C, 150V)
- 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

CAROL BRAND

UL LISTED Underwriters Laboratories Inc.

Designed to Meet UL Vertical Tray Flame Test

RoHS Compliant Directive 2002/95/EC

General Cable