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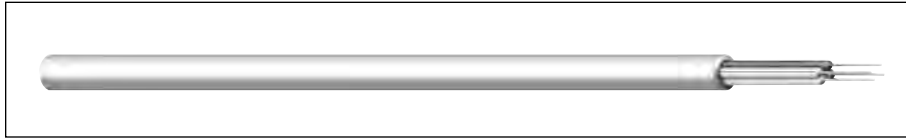# Burglar Alarm NEC Types CMR or CM/CL2 and CMX-Outdoor

Burglar Alarm Cable also available in 500' Coil Packs*

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

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

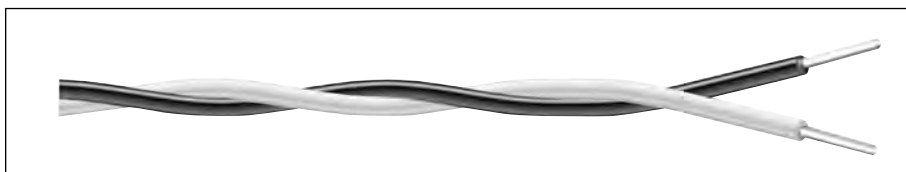| NO. OF PAIRS	COLOR	NO. OF PAIRS	COLOR
1	Red	3	Yellow
2	Green	4	Black

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:
- 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

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		

CAROL BRAND

UL LISTED

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

RoHS Compliant Directive 2002/95/EC

General Cable