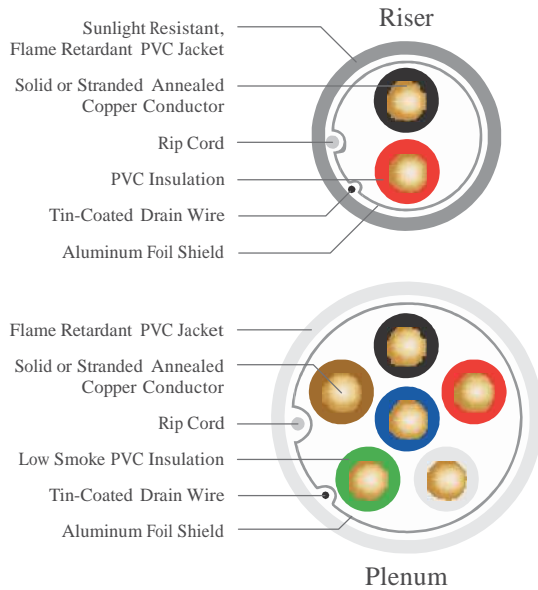


## Security Control, Shielded

Power Limited, Riser/Plenum



### Specifications

Conductor Count	Available with 2 through 12 conductors
Conductor	Fully annealed, solid or stranded bare copper
AWG (mm)	Available in 12 (2.05) through 22 (0.64)
Insulation	PVC
Insulation Colors	Conductor 1: Black Conductor 2: Red Conductor 3: White Conductor 4: Green Conductor 5: Brown Conductor 6: Blue Conductor 7: Orange Conductor 8: Yellow Conductor 9: Violet Conductor 10: Gray Conductor 11: Pink Conductor 12: Tan
Shield	1-mil overall aluminum polyester foil shield with 24 AWG (0.51 mm) solid tinned copper drain wire
Jacket	Riser: Gray, Sunlight Resistant, Flame Retardant (FR) PVC Plenum: White, FR PVC
Package	Black, ribbed, plastic recyclable spool, Reel-in-a-Box or wood reel
Performance Compliance	ASTM B-3 and B-8 NEC Article 725 NEC Article 800 NEC Article 760 UL 13 CL3R/CL3P UL 444 CMR/CMP* UL 1424 FPLR/FPLP UL 1666 NFPA 262 California State Fire Marshall RoHS-compliant
NRTL Programs	UL Listed CL3R, CMR, FPLR UL Listed CL3P, CMP, FPL

### Product Description

Security Control cables are used for a variety building control and audio applications. The security control, shielded cable series is ideal for environments where electromagnetic interference (EMI) is a concern or the cable is required to be grounded. All riser listed security control cables provide compliance to NEC Article 725, NEC Article 760, CL3R and FPLR. All plenum listed security control cables provide compliance to NEC Article 725, NEC Article 760, CL3P and FPLP. All security control cables are power limited rated for 300V.

This cable series also features two popular time saving features from Superior Essex: CableID® and QuickCount®.

### Applications

- Intercom
- Security
- Audio, public address system, speakers
- Burglar alarm system
- Telephone stations
- Background music

### Features

- Non-plenum, riser rated
- Plenum rated
- Sunlight resistant, riser jacket
- Jacket rip cord
- Overall shield
- CableID alpha numeric code printed every 2 feet
- QuickCount marking system in feet and meters
- Black, plastic recyclable spool packaging (standard)

### Benefits

- Simplifies selection with multiple listings (CL3R, CMR\*, FPL and FPLR)
- Simplifies selection with multiple listings (CL3P, CMP\* and FPLP)
- Withstands direct sunlight exposure
- Easy to open; saves cable preparation time
- Electromagnetic Interference (EMI) protection
- Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable
- Saves on installation time
- Provides remaining length of cable on spool resulting in less scrap
- Rugged, robust and easy to handle

### Environmental Specifications

	Celsius	Fahrenheit
Operation	-20°C to +75°C	-4°F to 167°F
Installation	0°C to +65°C	32°F to 149°F

## Part Numbers and Physical Characteristics

Listing	Part Number <sup>1</sup>	Conductor Count	AWG (mm)	Conductor Type	Jacket Color	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)
CL3R/FPLR	12F-F1x-321	2	12 (2.32)	19 x 0.0185	Gray	0.26 (6.6)	53 (79)
CL3R/FPLR	12F-E1x-321	2	14 (1.85)	19 x 0.0147	Gray	0.23 (5.8)	36 (54)
CL3R/FPLR	12F-E2x-321	3	14 (1.85)	19 x 0.0147	Gray	0.25 (6.2)	49 (22)
CL3R/FPLR	12F-E3x-321	4	14 (1.85)	19 x 0.0147	Gray	0.26 (6.6)	66 (98)
CL3R/CMR/FPLR	12F-D1x-321	2	16 (1.46)	19 x 0.0117	Gray	0.20 (5.1)	26 (39)
CL3R/CMR/FPLR	12F-D2x-321	3	16 (1.46)	19 x 0.0117	Gray	0.21 (5.4)	35 (15)
CL3R/CMR/FPLR	12F-D3x-321	4	16 (1.46)	19 x 0.0117	Gray	0.23 (5.8)	45 (67)
CL3R/CMR/FPLR	12F-C1x-321	2	18 (1.16)	7 x 26 AWG	Gray	0.17 (4.3)	19 (28)
CL3R/CMR/FPLR	12F-C2x-321	3	18 (1.16)	7 x 26 AWG	Gray	0.18 (4.6)	24 (10)
CL3R/CMR/FPLR	12F-C3x-321	4	18 (1.16)	7 x 26 AWG	Gray	0.20 (5.1)	32 (48)
CL3R/CMR/FPLR	12F-C4x-321	6	18 (1.16)	7 x 26 AWG	Gray	0.24 (6.1)	45 (67)
CL3R/CMR/FPLR	12F-C5x-321	8	18 (1.16)	7 x 26 AWG	Gray	0.26 (6.6)	59 (88)
CL3R/CMR/FPLR	12F-C6x-321	10	18 (1.16)	7 x 26 AWG	Gray	0.29 (7.4)	72 (107)
CL3R/CMR/FPLR	12F-C7x-321	12	18 (1.16)	7 x 26 AWG	Gray	0.31 (7.9)	86 (128)
CL3R/CMR/FPLR	12F-B1x-321	2	20 (0.92)	7 x 28 AWG	Gray	0.15 (3.8)	14 (21)
CL3R/CMR/FPLR	12F-B2x-321	3	20 (0.92)	7 x 28 AWG	Gray	0.16 (4.1)	18 (8)
CL3R/CMR/FPLR	12F-B3x-321	4	20 (0.92)	7 x 28 AWG	Gray	0.17 (4.3)	23 (34)
CL3R/CMR/FPLR	12F-A1x-321	2	22 (0.73)	7 x 30 AWG	Gray	0.14 (3.6)	11 (16)
CL3R/CMR/FPLR	12F-A2x-321	3	22 (0.73)	7 x 30 AWG	Gray	0.15 (3.8)	13 (5)
CL3R/CMR/FPLR	12F-A3x-321	4	22 (0.73)	7 x 30 AWG	Gray	0.16 (4.1)	17 (25)
CL3R/CMR/FPLR	12F-A4x-321	6	22 (0.73)	7 x 30 AWG	Gray	0.19 (4.8)	24 (36)
CL3R/CMR/FPLR	12F-A5x-321	8	22 (0.73)	7 x 30 AWG	Gray	0.20 (5.1)	30 (45)
CL3R/CMR/FPLR	12F-A6x-321	10	22 (0.73)	7 x 30 AWG	Gray	0.23 (5.8)	36 (54)
CL3R/CMR/FPLR	12F-A7x-321	12	22 (0.73)	7 x 30 AWG	Gray	0.24 (6.1)	42 (63)
CL3R/CMR/FPLR	12F-51x-321	2	22 (0.64)	Solid	Gray	0.13 (3.3)	10 (15)
CL3R/CMR/FPLR	12F-52x-321	3	22 (0.64)	Solid	Gray	0.14 (3.5)	13 (5)
CL3P/FPLP	12F-F1x-441	2	12 (2.32)	19 x 0.0185	White	0.26 (6.6)	54 (80)
CL3P/FPLP	12F-F2x-441	3	12 (2.32)	19 x 0.0185	White	0.28 (7.0)	81 (36)
CL3P/FPLP	12F-E1x-441	2	14 (1.85)	19 x 0.0147	White	0.23 (5.8)	37 (55)
CL3P/FPLP	12F-E2x-441	3	14 (1.85)	19 x 0.0147	White	0.25 (6.2)	50 (22)
CL3P/FPLP	12F-E3x-441	4	14 (1.85)	19 x 0.0147	White	0.26 (6.6)	67 (100)
CL3P/CMR/FPLP	12F-D1x-441	2	16 (1.46)	19 x 0.0117	White	0.20 (5.1)	26 (39)
CL3P/CMR/FPLP	12F-D2x-441	3	16 (1.46)	19 x 0.0117	White	0.21 (5.4)	35 (15)
CL3P/CMR/FPLP	12F-D3x-441	4	16 (1.46)	19 x 0.0117	White	0.23 (5.8)	46 (68)
CL3P/CMR/FPLP	12F-C12-441	2	18 (1.16)	7 x 26 AWG	White	0.17 (4.3)	19 (28)
CL3P/CMR/FPLP	12F-C2x-441	3	18 (1.16)	7 x 26 AWG	White	0.18 (4.6)	25 (11)
CL3P/CMR/FPLP	12F-C3x-441	4	18 (1.16)	7 x 26 AWG	White	0.20 (5.1)	33 (49)
CL3P/CMR/FPLP	12F-C4x-441	6	18 (1.16)	7 x 26 AWG	White	0.24 (6.1)	47 (70)
CL3P/CMR/FPLP	12F-C5x-441	8	18 (1.16)	7 x 26 AWG	White	0.26 (6.6)	60 (89)
CL3P/CMR/FPLP	12F-C7x-441	12	18 (1.16)	7 x 26 AWG	White	0.31 (7.9)	87 (129)
CL3P/CMR/FPLP	12F-B1x-441	2	20 (0.92)	7 x 28 AWG	White	0.15 (3.8)	15 (22)
CL3P/CMR/FPLP	12F-B2x-441	3	20 (0.92)	7 x 28 AWG	White	0.16 (4.1)	18 (8)
CL3P/CMR/FPLP	12F-B3x-441	4	20 (0.92)	7 x 28 AWG	White	0.17 (4.3)	24 (36)
CL3P/CMR/FPLP	12F-A1x-441	2	22 (0.73)	7 x 30 AWG	White	0.14 (3.6)	11 (16)
CL3P/CMR/FPLP	12F-A2x-441	3	22 (0.73)	7 x 30 AWG	White	0.15 (3.8)	14 (6)
CL3P/CMR/FPLP	12F-A3x-441	4	22 (0.73)	7 x 30 AWG	White	0.16 (4.1)	18 (27)
CL3P/CMR/FPLP	12F-A4x-441	6	22 (0.73)	7 x 30 AWG	White	0.19 (4.8)	24 (36)
CL3P/CMR/FPLP	12F-A5x-441	8	22 (0.73)	7 x 30 AWG	White	0.20 (5.1)	31 (46)
CL3P/CMR/FPLP	12F-A6x-441	10	22 (0.73)	7 x 30 AWG	White	0.23 (5.8)	37 (55)
CL3P/CMR/FPLP	12F-A7x-441	12	22 (0.73)	7 x 30 AWG	White	0.24 (6.1)	43 (64)
CL3P/CMR/FPLP	12F-512-441	2	22 (0.64)	Solid	White	0.13 (3.3)	11 (16)
CL3P/CMR/FPLP	12F-52x-441	3	22 (0.64)	Solid	White	0.14 (3.5)	13 (5)

1,000' 500' 1,000' 500' 1,000'

<sup>1</sup>Replace "x" with:

2

3

4

5

6