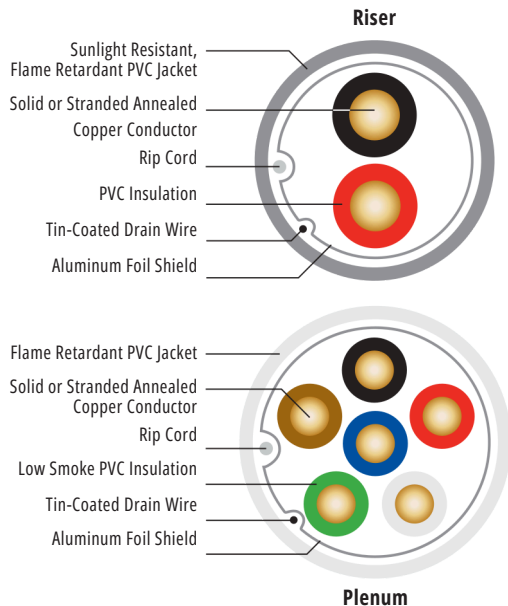


# Security Control, Shielded

Power Limited, Riser/Plenum



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

\*CMR/CMP listing does not apply to 12 AWG and 14 AWG Superior Essex Security Control cables.

## 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 760, NEC Article 725, FPLR and CL3R. All plenum listed security control cables provide compliance to NEC Article 760, NEC Article 725, FPLP and CL3P. 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

## benefits

- Simplifies selection with multiple listings (FPL, FPLR, CL3R and CMR\*)
- Simplifies selection with multiple listings (FPLP, CL3P and CMP\*)
- 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    |
|---------------------|----------------|---------------|
| <b>operation</b>    | -20°C to +75°C | -4°F to 167°F |
| <b>installation</b> | 0°C to +65°C   | 32°F to 149°F |

## part numbers and physical Characteristics

| listing       | part number | Conductor Count | aWG (mm)  | Conductor Type | Jacket Color | nominal Diameter in (mm) | approx. Weight lbs/kft (kg/km) | Standard length ft (m) | Spool Size f x T x D in |
|---------------|-------------|-----------------|-----------|----------------|--------------|--------------------------|--------------------------------|------------------------|-------------------------|
| FPLR/CL3R     | 2F-F13-32   | 2               | 12 (2.32) | 19 x 0.0185    | Gray         | 0.28 (7.1)               | 53 (78)                        | 500 (152)              | 12 x 9 x 5              |
| FPLR/CL3R     | 2F-E12-32   | 2               | 14 (1.85) | 19 x 0.0147    | Gray         | 0.24 (6.1)               | 36 (54)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLR/CL3R     | 2F-E33-32   | 4               | 14 (1.85) | 19 x 0.0147    | Gray         | 0.28 (7.2)               | 67 (100)                       | 500 (152)              | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-D12-32   | 2               | 16 (1.46) | 19 x 0.0117    | Gray         | 0.20 (5.0)               | 24 (36)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-D32-32   | 4               | 16 (1.46) | 19 x 0.0117    | Gray         | 0.23 (5.7)               | 43 (64)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLR/CL3R/CMR | 2F-C12-32   | 2               | 18 (1.16) | 7 x 26 AWG     | Gray         | 0.17 (4.3)               | 17 (26)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-C32-32   | 4               | 18 (1.16) | 7 x 26 AWG     | Gray         | 0.20 (5.0)               | 30 (45)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-C42-32   | 6               | 18 (1.16) | 7 x 26 AWG     | Gray         | 0.24 (6.0)               | 43 (64)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLR/CL3R/CMR | 2F-C53-32   | 8               | 18 (1.16) | 7 x 26 AWG     | Gray         | 0.26 (6.5)               | 56 (83)                        | 500 (152)              | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-C73-32   | 12              | 18 (1.16) | 7 x 26 AWG     | Gray         | 0.32 (8.0)               | 82 (122)                       | 500 (152)              | 14 x 11 x 5             |
| FPLR/CL3R/CMR | 2F-B12-32   | 2               | 20 (0.92) | 7 x 28 AWG     | Gray         | 0.15 (3.7)               | 12 (19)                        | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLR/CL3R/CMR | 2F-B32-32   | 4               | 20 (0.92) | 7 x 28 AWG     | Gray         | 0.17 (4.3)               | 21 (31)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-A12-32   | 2               | 22 (0.73) | 7 x 30 AWG     | Gray         | 0.13 (3.3)               | 9 (14)                         | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLR/CL3R/CMR | 2F-A32-32   | 4               | 22 (0.73) | 7 x 30 AWG     | Gray         | 0.15 (3.8)               | 15 (22)                        | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLR/CL3R/CMR | 2F-A42-32   | 6               | 22 (0.73) | 7 x 30 AWG     | Gray         | 0.18 (4.5)               | 21 (31)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-A52-32   | 8               | 22 (0.73) | 7 x 30 AWG     | Gray         | 0.19 (4.8)               | 26 (39)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-A62-32   | 10              | 22 (0.73) | 7 x 30 AWG     | Gray         | 0.22 (5.5)               | 32 (48)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLR/CL3R/CMR | 2F-A72-32   | 12              | 22 (0.73) | 7 x 30 AWG     | Gray         | 0.23 (5.9)               | 38 (56)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLR/CL3R/CMR | 2F-512-32   | 2               | 22 (0.64) | Solid          | Gray         | 0.12 (3.2)               | 9 (14)                         | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLP/CL3P     | 2F-F13-44   | 2               | 12 (2.32) | 19 x 0.0185    | White        | 0.30 (7.6)               | 60 (89)                        | 500 (152)              | 12 x 9 x 5              |
| FPLP/CL3P     | 2F-E12-44   | 2               | 14 (1.85) | 19 x 0.0147    | White        | 0.26 (6.6)               | 43 (63)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLP/CL3P     | 2F-E33-44   | 4               | 14 (1.85) | 19 x 0.0147    | White        | 0.30 (7.7)               | 74 (111)                       | 500 (152)              | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-D12-44   | 2               | 16 (1.46) | 19 x 0.0117    | White        | 0.20 (5.0)               | 25 (37)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-D32-44   | 4               | 16 (1.46) | 19 x 0.0117    | White        | 0.23 (5.7)               | 44 (65)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLP/CL3P/CMP | 2F-C12-44   | 2               | 18 (1.16) | 7 x 26 AWG     | White        | 0.17 (4.3)               | 18 (26)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-C32-44   | 4               | 18 (1.16) | 7 x 26 AWG     | White        | 0.20 (5.0)               | 31 (46)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-C42-44   | 6               | 18 (1.16) | 7 x 26 AWG     | White        | 0.24 (6.0)               | 44 (65)                        | 1,000 (305)            | 14 x 11 x 5             |
| FPLP/CL3P/CMP | 2F-C53-44   | 8               | 18 (1.16) | 7 x 26 AWG     | White        | 0.26 (6.5)               | 57 (84)                        | 500 (152)              | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-C73-44   | 12              | 18 (1.16) | 7 x 26 AWG     | White        | 0.32 (8.0)               | 83 (123)                       | 500 (152)              | 14 x 11 x 5             |
| FPLP/CL3P/CMP | 2F-B12-44   | 2               | 20 (0.92) | 7 x 28 AWG     | White        | 0.15 (3.7)               | 13 (19)                        | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLP/CL3P/CMP | 2F-B32-44   | 4               | 20 (0.92) | 7 x 28 AWG     | White        | 0.17 (4.3)               | 22 (32)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-A12-44   | 2               | 22 (0.73) | 7 x 30 AWG     | White        | 0.13 (3.3)               | 10 (14)                        | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLP/CL3P/CMP | 2F-A32-44   | 4               | 22 (0.73) | 7 x 30 AWG     | White        | 0.15 (3.8)               | 15 (23)                        | 1,000 (305)            | 12 x 4.5 x 5            |
| FPLP/CL3P/CMP | 2F-A42-44   | 6               | 22 (0.73) | 7 x 30 AWG     | White        | 0.18 (4.5)               | 21 (32)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-A52-44   | 8               | 22 (0.73) | 7 x 30 AWG     | White        | 0.19 (4.8)               | 27 (40)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-A62-44   | 10              | 22 (0.73) | 7 x 30 AWG     | White        | 0.22 (5.5)               | 33 (49)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-A72-44   | 12              | 22 (0.73) | 7 x 30 AWG     | White        | 0.23 (5.9)               | 38 (57)                        | 1,000 (305)            | 12 x 9 x 5              |
| FPLP/CL3P/CMP | 2F-512-44   | 2               | 22 (0.64) | Solid          | White        | 0.12 (3.2)               | 9 (14)                         | 1,000 (305)            | 14 x 11 x 5             |
|               |             |                 |           |                |              |                          |                                | 1,000 (305)            | 12 x 4.5 x 5            |

