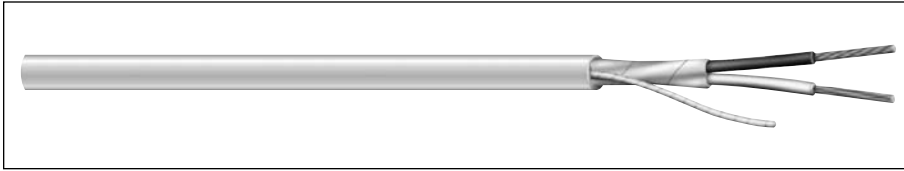


# Multi-Conductor, Shielded, Riser

NEC Type CMR and/or CL3R



| CATALOG<br>NUMBER | NO. OF<br>COND. | AWG<br>SIZE | COND.<br>STRAND | NOM. INSULATION<br>THICKNESS |      | NOM. JACKET<br>WALL |      | NOMINAL O.D. |      |
|-------------------|-----------------|-------------|-----------------|------------------------------|------|---------------------|------|--------------|------|
|                   |                 |             |                 | INCHES                       | mm   | INCHES              | mm   | INCHES       | mm   |
| 22 AWG CONDUCTORS |                 |             |                 |                              |      |                     |      |              |      |
| E2000S            | 2               | 22          | Solid           | 0.008                        | 0.20 | 0.015               | 0.38 | 0.117        | 2.97 |
| E2002S            | 2               | 22          | 7/30            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.132        | 3.35 |
| E2003S            | 3               | 22          | 7/30            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.135        | 3.43 |
| E2004S            | 4               | 22          | 7/30            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.147        | 3.73 |
| E2006S            | 6               | 22          | 7/30            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.173        | 4.39 |
| E2008S            | 8               | 22          | 7/30            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.195        | 4.95 |
| E2010S            | 10              | 22          | 7/30            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.218        | 5.54 |
| E2012S            | 12              | 22          | 7/30            | 0.010                        | 0.25 | 0.015               | 0.38 | 0.238        | 6.05 |
| 20 AWG CONDUCTORS |                 |             |                 |                              |      |                     |      |              |      |
| E2022S            | 2               | 20          | 7/28            | 0.007                        | 0.18 | 0.015               | 0.38 | 0.142        | 3.61 |
| E2023S            | 3               | 20          | 7/28            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.151        | 3.84 |
| E2024S            | 4               | 20          | 7/28            | 0.007                        | 0.18 | 0.015               | 0.38 | 0.171        | 4.34 |
| 18 AWG CONDUCTORS |                 |             |                 |                              |      |                     |      |              |      |
| E2030S            | 2               | 18          | Solid           | 0.009                        | 0.20 | 0.015               | 0.38 | 0.147        | 3.73 |
| E2032S            | 2               | 18          | 7/26            | 0.009                        | 0.23 | 0.015               | 0.38 | 0.164        | 4.17 |
| E2033S            | 3               | 18          | 7/26            | 0.009                        | 0.23 | 0.015               | 0.38 | 0.172        | 4.37 |
| E2034S            | 4               | 18          | 7/26            | 0.009                        | 0.23 | 0.015               | 0.38 | 0.187        | 4.75 |
| E2036S            | 6               | 18          | 7/26            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.230        | 5.54 |
| E2038S            | 8               | 18          | 7/26            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.250        | 6.35 |
| E2040S            | 10              | 18          | 7/26            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.287        | 7.29 |
| E2041S            | 12              | 18          | 7/26            | 0.008                        | 0.20 | 0.015               | 0.38 | 0.296        | 7.52 |
| 16 AWG CONDUCTORS |                 |             |                 |                              |      |                     |      |              |      |
| E2042S            | 2               | 16          | 19/.0117        | 0.009                        | 0.23 | 0.015               | 0.38 | 0.189        | 4.80 |
| E2043S            | 3               | 16          | 19/.0117        | 0.009                        | 0.23 | 0.015               | 0.38 | 0.198        | 5.03 |
| E2044S            | 4               | 16          | 19/.0117        | 0.009                        | 0.23 | 0.015               | 0.38 | 0.219        | 5.56 |
| 14 AWG CONDUCTORS |                 |             |                 |                              |      |                     |      |              |      |
| E2052S*           | 2               | 14          | 19/.0147        | 0.013                        | 0.33 | 0.015               | 0.38 | 0.245        | 6.22 |
| E2054S*           | 4               | 14          | 19/.0147        | 0.013                        | 0.33 | 0.015               | 0.38 | 0.269        | 6.83 |
| 12 AWG CONDUCTORS |                 |             |                 |                              |      |                     |      |              |      |
| E2062S*           | 2               | 12          | 19/.0185        | 0.013                        | 0.33 | 0.015               | 0.38 | 0.281        | 7.14 |
| E2064S*           | 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    |

## 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
- Suitable for use from -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

**CAROL BRAND**

