

# 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:

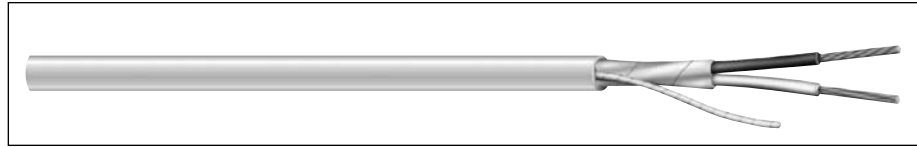
- NEC Article 725 Type CL3P (UL: 75°C, 150V)
- NEC Article 800 Type CMP (UL: 75°C, 300V)
- Designed to meet NFPA 262 Flame Test
- California State Fire Marshall Approved

### Packaging:

- Please contact Customer Service for packaging and color options

### Color Code Chart

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



| 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