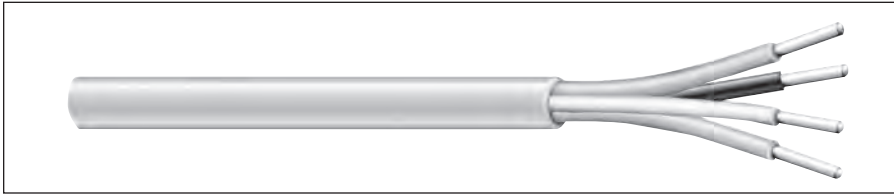


# Multi-Conductor, Unshielded, Non-Plenum

## CSA FAS105, FPL (UL), NEC Type PLTC



| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS |      | NOM. JACKET WALL |      | NOMINAL O.D. |       |
|----------------|--------------|----------|--------------|---------------------------|------|------------------|------|--------------|-------|
|                |              |          |              | in                        | mm   | in               | mm   | in           | mm    |
| C4300A         | 6            | 22       | Solid        | 0.012                     | 0.30 | 0.042            | 1.07 | 0.232        | 5.89  |
| C4301A         | 15           | 22       | Solid        | 0.012                     | 0.30 | 0.042            | 1.07 | 0.316        | 8.03  |
| C4302A         | 20           | 22       | Solid        | 0.012                     | 0.30 | 0.042            | 1.07 | 0.346        | 8.79  |
| C4304A         | 2            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.225        | 5.71  |
| C4305A         | 3            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.236        | 5.99  |
| C4306A         | 4            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.255        | 6.47  |
| C4307A         | 5            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.274        | 6.96  |
| C4308A         | 6            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.296        | 7.52  |
| C4309A         | 7            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.296        | 7.52  |
| C4310A         | 8            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.317        | 8.05  |
| C4312A         | 9            | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.339        | 8.61  |
| C4313A         | 10           | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.366        | 9.30  |
| C4314A         | 11           | 18       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.366        | 9.30  |
| C4315A         | 15           | 18       | Solid        | 0.015                     | 0.38 | 0.053            | 1.35 | 0.437        | 11.10 |
| C4316A         | 20           | 18       | Solid        | 0.015                     | 0.38 | 0.053            | 1.35 | 0.480        | 12.19 |
| C4317A         | 21           | 18       | Solid        | 0.015                     | 0.38 | 0.053            | 1.35 | 0.480        | 12.19 |
| C4318A         | 30           | 18       | Solid        | 0.015                     | 0.38 | 0.053            | 1.35 | 0.558        | 14.17 |
| C4321A         | 2            | 16       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.246        | 6.25  |
| C4322A         | 3            | 16       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.258        | 6.55  |
| C4323A         | 4            | 16       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.280        | 7.11  |
| C4349A         | 5            | 16       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.302        | 7.67  |
| C4324A         | 2            | 14       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.272        | 6.91  |
| C4325A         | 3            | 14       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.286        | 7.26  |
| C4326A         | 4            | 14       | Solid        | 0.015                     | 0.38 | 0.042            | 1.07 | 0.311        | 7.90  |
| C4327A         | 2            | 12       | Solid        | 0.020                     | 0.51 | 0.042            | 1.07 | 0.326        | 8.28  |

Data subject to change.

**Product Construction:**

**Conductor:**

- 22 thru 12 AWG fully annealed solid bare copper per ASTM B3

**Insulation:**

- Premium-grade PVC
- Color code: See page 206 for the CSA Fire Alarm Color Code Chart

**Jacket:**

- Premium-grade PVC, red
- Temperature range: -20°C to +105°C
- TRU-Mark® print legend contains footage markings from 1000' to 0'

**Applications:**

- Wiring of fire alarms
- Smoke alarms
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 725 PLTC (UL: 105°C, 300 V)
- NEC Article 760 Type FPL (UL: 105°C, 300 V)
- CSA FAS105 (CSA: 105°C, 300 V)
- C22.2 No. 208-03 (R2008) Weather (Sunlight) Resistant (1,000 HR)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA FT4 Vertical Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

**Packaging:**

- Please contact Customer Service for packaging and color options

