

# EXZEL® Multi-Conductor, Foil Shielded

UL 2464, NEC Type CM (UL), CSA CMG



| PART NUMBER | COND. | AWG SIZE | COND. STRAND | NOMINAL INSULATION THICKNESS |      | NOMINAL JACKET THICKNESS |      | NOMINAL CABLE DIAMETER |       |
|-------------|-------|----------|--------------|------------------------------|------|--------------------------|------|------------------------|-------|
|             |       |          |              | INCHES                       | mm   | INCHES                   | mm   | INCHES                 | mm    |
| C9100A      | 2     | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.157                  | 3.99  |
| C9101A      | 3     | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.163                  | 4.15  |
| C9102A      | 4     | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.175                  | 4.45  |
| C9103A      | 6     | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.200                  | 5.08  |
| C9104A      | 8     | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.213                  | 5.42  |
| C9105A      | 10    | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.243                  | 6.17  |
| C9106A      | 15    | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.273                  | 6.94  |
| C9107A      | 20    | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.299                  | 7.60  |
| C9108A      | 25    | 24       | 7/32         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.329                  | 8.36  |
| C9109A      | 2     | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.169                  | 4.29  |
| C9110A      | 3     | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.176                  | 4.48  |
| C9111A      | 4     | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.190                  | 4.82  |
| C9112A      | 6     | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.218                  | 5.54  |
| C9113A      | 8     | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.233                  | 5.92  |
| C9114A      | 10    | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.267                  | 6.78  |
| C9115A      | 15    | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.301                  | 7.65  |
| C9116A      | 20    | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.331                  | 8.41  |
| C9117A      | 25    | 22       | 7/30         | 0.010                        | 0.25 | 0.032                    | 0.81 | 0.365                  | 9.27  |
| C9118A      | 2     | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.207                  | 5.26  |
| C9119A      | 3     | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.217                  | 5.52  |
| C9120A      | 4     | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.236                  | 5.98  |
| C9121A      | 6     | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.275                  | 6.99  |
| C9122A      | 8     | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.296                  | 7.52  |
| C9123A      | 10    | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.343                  | 8.71  |
| C9124A      | 15    | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.391                  | 9.92  |
| C9125A      | 20    | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.432                  | 10.97 |
| C9126A      | 25    | 20       | 7/28         | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.479                  | 12.17 |
| C9127A      | 2     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.227                  | 5.77  |
| C9128A*     | 2     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.227                  | 5.77  |
| C9129A      | 3     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.239                  | 6.06  |
| C9130A*     | 3     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.239                  | 6.06  |
| C9131A      | 4     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.260                  | 6.60  |
| C9132A      | 6     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.305                  | 7.75  |
| C9133A      | 8     | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.329                  | 8.36  |
| C9134A      | 10    | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.383                  | 9.73  |
| C9135A      | 15    | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.438                  | 11.12 |
| C9136A      | 20    | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.485                  | 12.32 |
| C9137A      | 25    | 18       | 16/30        | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.539                  | 13.69 |
| C9138A      | 2     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.247                  | 6.27  |
| C9139A*     | 2     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.247                  | 6.27  |
| C9140A      | 3     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.260                  | 6.61  |
| C9141A*     | 3     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.260                  | 6.61  |
| C9142A      | 4     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.284                  | 7.21  |
| C9143A      | 6     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.335                  | 8.51  |
| C9144A      | 8     | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.362                  | 9.20  |
| C9145A      | 10    | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.423                  | 10.74 |
| C9146A      | 15    | 16       | 19/.0117     | 0.016                        | 0.41 | 0.032                    | 0.81 | 0.485                  | 12.31 |
| C9147A      | 20    | 16       | 19/.0117     | 0.016                        | 0.41 | 0.053                    | 1.35 | 0.580                  | 14.74 |
| C9148A      | 25    | 16       | 19/.0117     | 0.016                        | 0.41 | 0.053                    | 1.35 | 0.641                  | 16.28 |

\* IEC Color Code: Brown, Blue, Green/Yellow

**Product Construction:**

**Conductor:**

- Fully annealed stranded tinned copper per ASTM B33

**Insulation:**

- Premium-grade, color-coded PVC
- Color per Chart A for 24 AWG and 22 AWG on page 97
- Color per Chart B for 20 AWG and larger on page 97
- International colors per IEC Color Chart on page 97

**Shield:**

- 100% Flexfoil® aluminum/polyester, foil facing in
- Stranded tinned copper drain wire

**Jacket:**

- Premium PVC
- Operating temperature range: -30°C to +105°C (Type CM) -30°C to +80°C (AWM)

**Applications:**

- Advanced signal transmission in controlled environments
- Medical instrumentation and equipment
- Consumer electronic peripherals
- Industrial process control systems
- Suitable for EIA RS-232 applications

**Features:**

- Oil-resistant per UL Oil Res I and Class 43
- Sunlight-resistant per UL 720-hr, UV test
- Nylon ripcord

**Compliances:**

- NEC Article 800 Type CM (UL: 105°C)
- UL Style 2464 (UL: 80°C, 300 V, VW-1)
- CSA Type CMG (CSA: 105°C, FT4)
- CE: Low-Voltage Directive (LVD) 2006/95/EC
- RoHS Compliant Directive 2011/65/EU
- Vertical Tray Cable Flame Test per UL 1581 and IEEE 383 (70,000 BTU)

**Packaging**

- Please contact Customer Service for packaging and color options

Data subject to change.

