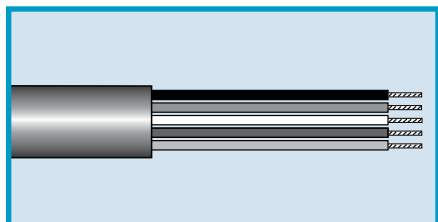


# Communication and Control

## 300 V Unshielded, Multiconductor, PVC, PVC



**UL AWM 2509 VW-1**

**UL CM**

**CSA CMG FT4**

### Operating Temperature

- -20°C to +80°C (AWM)
- -20°C to +75°C (CM)
- -20°C to +60°C (CMG)

### Conductor Color Coding

- Chart D (page 531)

### Materials

- Stranded tinned copper conductors
- PVC insulation
- Slate PVC jacket

### Availability

100 ft (30.5 m)

500 ft (152 m)

1000 ft (305 m)

### 20 AWG (0.56 mm<sup>2</sup>)

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.016 (0.41 mm)

| Part No.        | Conductors | Nominal Diameter |      | Jacket Thickness |      |
|-----------------|------------|------------------|------|------------------|------|
|                 |            | Inch             | mm   | Inch             | mm   |
| <b>1895C</b>    | 2          | 0.180            | 4.57 | 0.020            | 0.51 |
| <b>1896C</b>    | 3          | 0.191            | 4.85 | 0.020            | 0.51 |
| <b>1896/4C</b>  | 4          | 0.209            | 5.31 | 0.020            | 0.51 |
| <b>1896/5C</b>  | 5          | 0.230            | 5.84 | 0.020            | 0.51 |
| <b>1896/6C</b>  | 6          | 0.251            | 6.38 | 0.020            | 0.51 |
| <b>1896/7C</b>  | 7          | 0.251            | 6.38 | 0.020            | 0.51 |
| <b>1896/8C</b>  | 8          | 0.273            | 6.93 | 0.020            | 0.51 |
| <b>1896/9C</b>  | 9          | 0.301            | 7.65 | 0.023            | 0.58 |
| <b>1896/10C</b> | 10         | 0.320            | 8.13 | 0.020            | 0.51 |
| <b>1896/12C</b> | 12         | 0.331            | 8.41 | 0.020            | 0.51 |
| <b>1896/15C</b> | 15         | 0.382            | 9.70 | 0.030            | 0.76 |

### 18 AWG (0.81 mm<sup>2</sup>)

Stranding: 16/30 (16 x 0.25 mm)  
Insulation thickness: 0.016 (0.41 mm)

| Part No.        | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|-----------------|------------|------------------|-------|------------------|------|
|                 |            | Inch             | mm    | Inch             | mm   |
| <b>1897C</b>    | 2          | 0.198            | 5.03  | 0.020            | 0.51 |
| <b>1898C</b>    | 3          | 0.210            | 5.33  | 0.020            | 0.51 |
| <b>1898/4C</b>  | 4          | 0.231            | 5.87  | 0.020            | 0.51 |
| <b>1898/5C</b>  | 5          | 0.254            | 6.45  | 0.020            | 0.51 |
| <b>1898/6C</b>  | 6          | 0.278            | 7.06  | 0.020            | 0.51 |
| <b>1898/7C</b>  | 7          | 0.278            | 7.06  | 0.020            | 0.51 |
| <b>1898/8C</b>  | 8          | 0.313            | 7.95  | 0.025            | 0.64 |
| <b>1898/9C</b>  | 9          | 0.337            | 8.56  | 0.025            | 0.64 |
| <b>1898/10C</b> | 10         | 0.366            | 9.30  | 0.025            | 0.64 |
| <b>1898/12C</b> | 12         | 0.378            | 9.60  | 0.025            | 0.64 |
| <b>1898/15C</b> | 15         | 0.423            | 10.74 | 0.030            | 0.76 |
| <b>1898/19C</b> | 19         | 0.455            | 11.56 | 0.030            | 0.76 |
| <b>1898/25C</b> | 25         | 0.544            | 13.82 | 0.035            | 0.89 |

### 16 AWG (1.32 mm<sup>2</sup>)

Stranding 19/0.0117 (19 x 0.29 mm)  
Insulation thickness: 0.016 (0.41 mm)

| Part No.       | Conductors | Nominal Diameter |      | Jacket Thickness |      |
|----------------|------------|------------------|------|------------------|------|
|                |            | Inch             | mm   | Inch             | mm   |
| <b>1899C</b>   | 2          | 0.222            | 5.64 | 0.020            | 0.51 |
| <b>1899/3C</b> | 3          | 0.236            | 5.99 | 0.020            | 0.51 |
| <b>1899/4C</b> | 4          | 0.260            | 6.60 | 0.020            | 0.51 |

