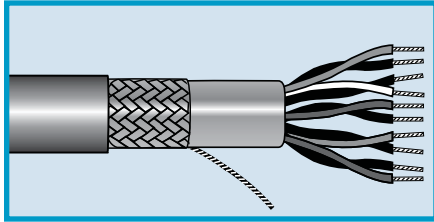


## Communication and Control

300 V Overall Foil/Braid Shield, Multipair, FPP, PVC  
Low Capacitance Data Cable



**UL AWM 2919 (30 V) VW-1**  
**UL CL2**  
**CSA CMG FT4**

### Operating Temperature

- -20°C to +80°C (AWM)
- -20°C to +75°C (CL2)
- -20°C to +60°C (CMG)

### Conductor Color Coding

- Chart M (page 530)

### Materials

- Stranded tinned copper conductors
- Foam polypropylene insulation
- Foil + braid shielding  
Aluminum/polyester foil shield,  
25% overlap min.  
Foil facing outward  
Stranded tinned copper drain  
wire equal in size to conductor  
Tinned copper braid,  
65% coverage
- Slate PVC jacket

### Availability

100 ft (30.5 m)  
500 ft (152 m)  
1000 ft (305 m)

### 28 AWG (0.089 mm²)

Stranding: 7/36 (7 x 0.13 mm)  
Insulation thickness: 0.013 (0.33 mm)

| Part No.        | Pairs | Nominal Diameter |       | Jacket Thickness |      |
|-----------------|-------|------------------|-------|------------------|------|
|                 |       | Inch             | mm    | Inch             | mm   |
| <b>3492C</b>    | 2     | 0.230            | 5.84  | 0.035            | 0.89 |
| <b>3493C</b>    | 3     | 0.241            | 6.12  | 0.035            | 0.89 |
| <b>3494C</b>    | 4     | 0.265            | 6.73  | 0.035            | 0.89 |
| <b>3495C</b>    | 5     | 0.284            | 7.21  | 0.035            | 0.89 |
| <b>3496C</b>    | 6     | 0.305            | 7.75  | 0.035            | 0.89 |
| <b>3498C</b>    | 8     | 0.326            | 8.28  | 0.035            | 0.89 |
| <b>3500/12C</b> | 12.5  | 0.381            | 9.67  | 0.035            | 0.89 |
| <b>3500/18C</b> | 18    | 0.439            | 11.15 | 0.035            | 0.89 |
| <b>3500/25C</b> | 25    | 0.531            | 13.49 | 0.048            | 1.22 |

Mutual capacitance: 12 pF/ft (39.3 pF/m)  
Ground capacitance: 20 pF/ft (65.5 pF/m)