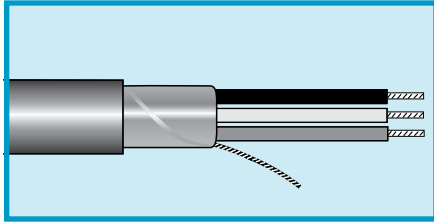


# Communication and Control

300 V Foil Shield, Multiconductor, PP, PE, PVC/PVC



**UL CM  
VW-1  
CSA CMG FT4**

### Operating Temperature

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

### Conductor Color Coding

- 1 White, 2 Black, 3 Red, 4 Green
- 1 Black, 2 Red, 3 White, 4 Green

### Materials

- Stranded tinned copper conductors (except 2460C)
- PP, PE, or PVC insulation
- Aluminum/polyester foil shield, 25% overlap min.  
Foil facing outward  
1243/3C: foil facing inward  
Stranded tinned copper drain wire (except 2460C)
- Slate PVC jacket  
2461C: slate or black

### Availability

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

### Polypropylene Insulation

**22 AWG (0.35 mm<sup>2</sup>)**

Stranding: 7/30 (7 x 0.25 mm) or solid  
Insulation Thickness: 0.008 (0.20 mm)

| Part No.     | Conductors | Nominal Diameter |      | Jacket Thickness |      | Configuration |            |
|--------------|------------|------------------|------|------------------|------|---------------|------------|
|              |            | Inch             | mm   | Inch             | mm   | Shielded      | Unshielded |
| <b>2460C</b> | 2 (solid)  | 0.126            | 3.20 | 0.020            | 0.51 | 2             | 0          |
| <b>2461C</b> | 2          | 0.136            | 3.45 | 0.020            | 0.51 | 2             | 0          |

### Polyethylene Insulation

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

Stranding: 7/28 (7 x 0.32 mm)  
Insulation Thickness: 0.014 (0.36 mm)

| Part No.       | Conductors | Nominal Diameter |      | Jacket Thickness |      | Configuration |            |
|----------------|------------|------------------|------|------------------|------|---------------|------------|
|                |            | Inch             | mm   | Inch             | mm   | Shielded      | Unshielded |
| <b>1243/3C</b> | 3          | 0.210            | 5.33 | 0.030            | 0.76 | 2             | 1          |
| <b>2464C</b>   | 4          | 0.165            | 4.19 | 0.020            | 0.51 | 2             | 2          |

### PVC Insulation

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

Stranding: 7/28 (7 x 0.32 mm)  
Insulation Thickness: 0.015 (0.38 mm)

| Part No.     | Conductors | Nominal Diameter |      | Jacket Thickness |      | Configuration |            |
|--------------|------------|------------------|------|------------------|------|---------------|------------|
|              |            | Inch             | mm   | Inch             | mm   | Shielded      | Unshielded |
| <b>2465C</b> | 4          | 0.240            | 6.10 | 0.030            | 0.76 | 2             | 2          |

