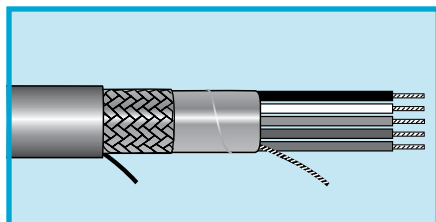


# Communication and Control

300 V Foil/Braid Shield, Multiconductor, SR-PVC, PVC  
Computer Cable

Alpha  
Essentials



**UL AWM 2464**  
**UL CMG**  
**CSA CMG FT4**

## Applications

- RS-232
- Modems
- Multiplexers
- Serial data interfaces

## Operating Temperature

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

## Conductor Color Coding

- Chart D

## Materials

- Stranded tinned copper conductors
- Semirigid PVC insulation
- Foil + braid shield  
Aluminum/polyester foil shield,  
25% overlap min.  
Foil facing outward  
Stranded tinned copper drain  
wire equal in size to conductor  
Tinned copper braid, 65% or  
70% coverage
- Slate PVC jacket

## Availability

100 ft (30.5 m)  
500 ft (152 m)  
1000 ft (305 m)  
Bulk, cut to length  
(Minimums may apply)

## 65% Braid Coverage

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

Stranding: 7/30 (7 x 0.25 mm)  
Insulation thickness: 0.010 (0.25 mm)

| Part No. | Conductors | Nominal Diameter |      | Jacket Thickness |      | Color Code |
|----------|------------|------------------|------|------------------|------|------------|
|          |            | Inch             | mm   | Inch             | mm   |            |
| M2473    | 3          | 0.198            | 5.03 | 0.032            | 0.81 | O          |
| M2474    | 4          | 0.211            | 5.36 | 0.032            | 0.81 | O          |
| M2475    | 5          | 0.226            | 5.74 | 0.032            | 0.81 | O          |
| M2476    | 6          | 0.241            | 6.12 | 0.032            | 0.81 | O          |
| M2477    | 7          | 0.241            | 6.12 | 0.032            | 0.81 | O          |
| M2478    | 8          | 0.256            | 6.50 | 0.032            | 0.81 | O          |
| M2479    | 9          | 0.272            | 6.91 | 0.032            | 0.81 | O          |
| M2480    | 10         | 0.290            | 7.37 | 0.032            | 0.81 | O          |
| M2481    | 15         | 0.320            | 8.13 | 0.032            | 0.81 | F          |
| M2482    | 25         | 0.390            | 9.91 | 0.032            | 0.81 | F          |

Mutual capacitance: 36 pF/ft (118.1 pF/m)  
Ground capacitance: 65 pF/ft (213.3 pF/m)