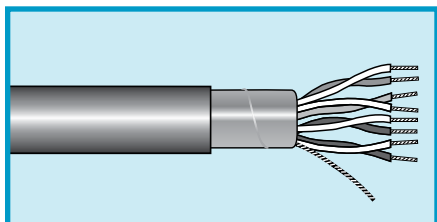


# Manhattan™ Computer Cable

## 300 V Foil Shield, Multipair, SR-PVC or PP, PVC



**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

- See tables

### Materials

- Solid or stranded tinned copper conductors
- Semirigid PVC or polypropylene insulation
- Aluminum/polyester foil shield, 25% overlap min.  
Foil facing inward  
Stranded tinned copper drain wire equal in size to conductor
- Slate PVC jacket

### Availability

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

### SR-PVC Insulation

#### 24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)  
 Insulation thickness: 0.010 (0.25 mm)  
 Color Code K

| Part No.        | Pairs | Nominal Diameter |       | Jacket Thickness |      |
|-----------------|-------|------------------|-------|------------------|------|
|                 |       | Inch             | mm    | Inch             | mm   |
| <b>M13190</b>   | 1     | 0.159            | 4.04  | 0.032            | 0.81 |
| <b>M13191</b>   | 2     | 0.215            | 5.46  | 0.032            | 0.81 |
| <b>M13192</b>   | 3     | 0.227            | 5.77  | 0.032            | 0.81 |
| <b>M13193</b>   | 4     | 0.246            | 6.25  | 0.032            | 0.81 |
| <b>M13194</b>   | 5     | 0.267            | 6.78  | 0.032            | 0.81 |
| <b>M13195</b>   | 6     | 0.289            | 7.34  | 0.032            | 0.81 |
| <b>M13196</b>   | 7     | 0.289            | 7.34  | 0.032            | 0.81 |
| <b>M13197</b>   | 8     | 0.311            | 7.90  | 0.032            | 0.81 |
| <b>M13198</b>   | 9     | 0.334            | 8.48  | 0.032            | 0.81 |
| <b>M13199</b>   | 10    | 0.360            | 9.14  | 0.032            | 0.81 |
| <b>M4758*</b>   | 11    | 0.360            | 9.14  | 0.032            | 0.81 |
| <b>M13200</b>   | 15    | 0.402            | 10.21 | 0.032            | 0.81 |
| <b>M3189</b>    | 19    | 0.432            | 10.97 | 0.032            | 0.81 |
| <b>M13201</b>   | 25    | 0.510            | 12.95 | 0.035            | 0.89 |
| <b>M4761*</b>   | 27    | 0.515            | 13.08 | 0.032            | 0.89 |
| <b>M13202**</b> | 50    | 0.666            | 16.92 | 0.035            | 0.89 |

\*Color code Chart B (page 528)

\*\*Color code Chart A1 (page 528)

### SR-PVC Insulation

#### 22 AWG (0.35 mm²)

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

| Part No.     | Pairs | Nominal Diameter |       | Jacket Thickness |      |
|--------------|-------|------------------|-------|------------------|------|
|              |       | Inch             | mm    | Inch             | mm   |
| <b>M4770</b> | 2     | 0.235            | 5.97  | 0.032            | 0.81 |
| <b>M4771</b> | 3     | 0.248            | 6.30  | 0.032            | 0.81 |
| <b>M4772</b> | 4     | 0.269            | 6.83  | 0.032            | 0.81 |
| <b>M4773</b> | 5     | 0.293            | 7.44  | 0.032            | 0.81 |
| <b>M4774</b> | 6     | 0.318            | 8.08  | 0.032            | 0.81 |
| <b>M4775</b> | 9     | 0.369            | 9.37  | 0.032            | 0.81 |
| <b>M4776</b> | 11    | 0.399            | 10.13 | 0.032            | 0.81 |
| <b>M4777</b> | 15    | 0.448            | 11.38 | 0.032            | 0.81 |
| <b>M4778</b> | 19    | 0.481            | 12.22 | 0.032            | 0.81 |
| <b>M4779</b> | 27    | 0.618            | 15.70 | 0.053            | 1.35 |

### Polypropylene Insulation

#### 22 AWG (0.35 mm²)

Stranding: Solid  
 Insulation thickness: 0.008 (0.20 mm)  
 Color Code K

| Part No.     | Pairs | Nominal Diameter |       | Jacket Thickness |      |
|--------------|-------|------------------|-------|------------------|------|
|              |       | Inch             | mm    | Inch             | mm   |
| <b>M3190</b> | 38    | 0.610            | 15.49 | 0.045            | 1.14 |

