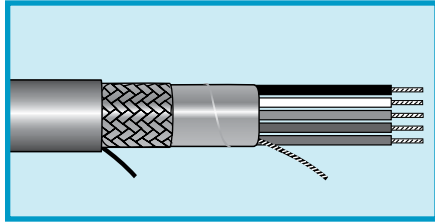


Manhattan™ Computer Cable

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

- 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

24 AWG (0.22 mm²)

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

| Part No. | Conductors | Nominal Diameter | | Jacket Thickness | | Color Code |
|----------|------------|------------------|-------|------------------|------|------------|
| | | Inch | mm | Inch | mm | |
| M2438 | 3 | 0.185 | 4.70 | 0.032 | 0.81 | O |
| M2439 | 4 | 0.196 | 4.98 | 0.032 | 0.81 | O |
| M2440 | 5 | 0.209 | 5.31 | 0.032 | 0.81 | O |
| M2441 | 6 | 0.223 | 5.66 | 0.032 | 0.81 | O |
| M2442 | 7 | 0.223 | 5.66 | 0.032 | 0.81 | O |
| M2443 | 8 | 0.236 | 5.99 | 0.032 | 0.81 | O |
| M2444 | 9 | 0.250 | 6.35 | 0.032 | 0.81 | O |
| M2445 | 10 | 0.266 | 6.76 | 0.032 | 0.81 | O |
| M2447 | 15 | 0.292 | 7.42 | 0.032 | 0.81 | F |
| M2449 | 25 | 0.354 | 8.99 | 0.032 | 0.81 | F |
| M2452 | 37 | 0.398 | 10.11 | 0.032 | 0.81 | F |
| M2455 | 50 | 0.449 | 11.40 | 0.032 | 0.81 | F |

Mutual capacitance: 32 pF/ft (105 pF/m)
 Ground capacitance: 58 pF/ft (190 pF/m)

70% Braid Coverage

22 AWG (0.35 mm²)

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

| Part No. | Conductors | Nominal Diameter | | Jacket Thickness | |
|----------|------------|------------------|-------|------------------|------|
| | | Inch | mm | Inch | mm |
| M5333 | 2 | 0.193 | 4.90 | 0.032 | 0.81 |
| M5334 | 3 | 0.201 | 5.11 | 0.032 | 0.81 |
| M5335 | 4 | 0.214 | 5.44 | 0.032 | 0.81 |
| M5336 | 6 | 0.244 | 6.20 | 0.032 | 0.81 |
| M5338 | 8 | 0.259 | 6.58 | 0.032 | 0.81 |
| M5340 | 10 | 0.293 | 7.44 | 0.032 | 0.81 |
| M5342 | 15 | 0.323 | 8.20 | 0.032 | 0.81 |
| M5344 | 20 | 0.355 | 9.02 | 0.032 | 0.81 |
| M5346 | 25 | 0.393 | 9.98 | 0.032 | 0.81 |
| M5348 | 30 | 0.414 | 10.52 | 0.032 | 0.81 |
| M5350 | 40 | 0.458 | 11.63 | 0.032 | 0.81 |
| M5352 | 50 | 0.501 | 12.73 | 0.032 | 0.81 |

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

Part No. M5333:
 Mutual capacitance: 39 pF/ft (128 pF/m)
 Ground capacitance: 70 pF/ft (229.7 pF/m)

