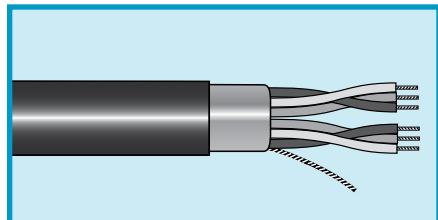


Manhattan™ Instrumentation Cable

300 V Overall Foil Shield, Composite, PVC/Nylon, PVC



UL PLTC, ITC
UL CL3
CSA CMG FT4

Operating Temperature

- 20°C to +105°C

Conductor Color Coding

- Chart BW (page 529)

Materials

- Stranded bare copper conductors
- PVC insulation
- Communications wire is 22 AWG (0.35 mm²), 7/30 (7 x 0.25 mm) stranding, bare copper with 0.016 (0.41 mm) thick insulation
- Aluminum/polyester foil shield, 25% overlap min.
Foil facing inward
Stranded tinned copper drain wire one even AWG smaller than conductor
- Black PVC jacket

Features

- UL Sunlight Resistant

Availability

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

20 AWG (0.52 mm²) Pairs

Stranding: 7/0.0121 (7 x 0.31 mm)
Insulation thickness: 0.016 (0.41 mm)

| Part No. | Pairs | Nominal Diameter | | Jacket Thickness | |
|------------|-------|------------------|-------|------------------|------|
| | | Inch | mm | Inch | mm |
| M9700020 | 2 | 0.321 | 8.15 | 0.045 | 1.14 |
| M9700040 | 4 | 0.400 | 10.16 | 0.053 | 1.35 |
| M9700060 | 6 | 0.451 | 11.46 | 0.053 | 1.35 |
| M9700080 | 8 | 0.511 | 12.98 | 0.053 | 1.35 |
| M9700120 | 12 | 0.581 | 14.76 | 0.053 | 1.35 |
| M9700160 | 16 | 0.660 | 16.76 | 0.063 | 1.60 |
| 5610B2020* | 20 | 0.677 | 17.20 | 0.065 | 1.65 |
| M9700240 | 24 | 0.791 | 20.09 | 0.063 | 1.60 |
| M9700360 | 36 | 0.925 | 23.50 | 0.073 | 1.85 |
| M9700500 | 50 | 1.069 | 27.15 | 0.073 | 1.85 |

*No communication wire.

18 AWG (0.81 mm²) Pairs

Stranding: 7/0.0152 (7 x 0.39 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

| Part No. | Pairs | Nominal Diameter | | Jacket Thickness | |
|----------|-------|------------------|-------|------------------|------|
| | | Inch | mm | Inch | mm |
| M9708020 | 2 | 0.353 | 8.97 | 0.045 | 1.14 |
| M9708040 | 4 | 0.431 | 10.95 | 0.053 | 1.35 |
| M9708060 | 6 | 0.499 | 12.67 | 0.053 | 1.35 |
| M9708080 | 8 | 0.558 | 14.17 | 0.053 | 1.35 |
| M9708120 | 12 | 0.664 | 16.87 | 0.063 | 1.60 |
| M9708160 | 16 | 0.735 | 18.67 | 0.063 | 1.60 |
| M9708240 | 24 | 0.905 | 22.99 | 0.073 | 1.85 |
| M9708360 | 36 | 1.049 | 26.64 | 0.073 | 1.85 |
| M9708500 | 50 | 1.199 | 30.45 | 0.073 | 1.85 |

16 AWG (1.31 mm²)

Stranding: 7/0.0192 (7 x 0.49 mm)
Insulation thickness: 0.016 (0.41 mm) PVC

| Part No. | Pairs | Nominal Diameter | | Jacket Thickness | |
|----------|-------|------------------|-------|------------------|------|
| | | Inch | mm | Inch | mm |
| M9706020 | 2 | 0.409 | 10.39 | 0.053 | 1.35 |
| M9706040 | 4 | 0.471 | 11.96 | 0.053 | 1.35 |
| M9706060 | 6 | 0.559 | 14.20 | 0.053 | 1.35 |
| M9706080 | 8 | 0.639 | 16.23 | 0.063 | 1.60 |
| M9706120 | 12 | 0.747 | 18.97 | 0.063 | 1.60 |
| M9706160 | 16 | 0.829 | 21.06 | 0.063 | 1.60 |
| M9706240 | 24 | 1.023 | 25.98 | 0.073 | 1.85 |
| M9706360 | 36 | 1.189 | 30.20 | 0.073 | 1.85 |
| M9706500 | 50 | 1.382 | 35.10 | 0.083 | 2.11 |

