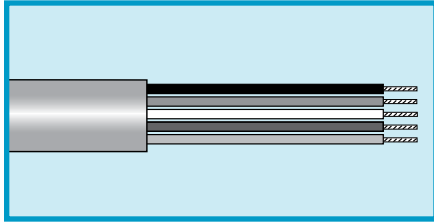


# Manhattan™ Security and Data Cable

300 V Unshielded, Multiconductor, PVC, PVC



**UL CMR**  
**CSA CMR**

### Operating Temperature

- 20°C to +75°C

### Conductor Color Coding

- 1 Black, 2 Red, 3 White, 4 Green, 5 Brown, 6 Blue, 7 Orange, 8 Yellow, 9 Violet, 10 Slate

### Materials

- Stranded bare copper conductors
- PVC insulation
- Slate PVC jacket

### Availability

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

#### 22 AWG (0.35 mm²)

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

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
<b>M213302</b>	2	0.130	3.30	0.015	0.38
<b>M213303</b>	3	0.138	3.51	0.015	0.38
<b>M213304</b>	4	0.151	3.84	0.015	0.38
<b>M213305</b>	5	0.166	4.22	0.015	0.38
<b>M213308</b>	8	0.196	4.98	0.015	0.38

#### 20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
<b>M213402</b>	2	0.146	3.71	0.015	0.38
<b>M213403</b>	3	0.155	3.94	0.015	0.38
<b>M213404</b>	4	0.170	4.32	0.015	0.38

#### 18 AWG (0.89 mm²)

Stranding: 7/26 (7 x 0.40 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
<b>M213502</b>	2	0.166	4.22	0.015	0.38
<b>M213503</b>	3	0.177	4.50	0.015	0.38
<b>M213504</b>	4	0.195	4.95	0.015	0.38

#### 16 AWG (1.32 mm²)

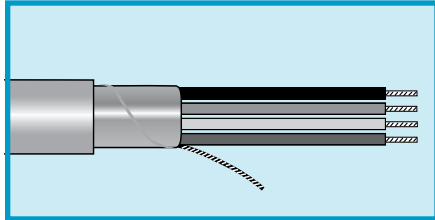
Stranding: 19/0.0117 (19 x 0.30 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
<b>M213572</b>	2	0.188	4.77	0.015	0.38
<b>M213573</b>	3	0.200	5.08	0.015	0.38
<b>M213574</b>	4	0.221	5.61	0.015	0.38



# Manhattan™ Security and Data Cable

300 V Foil Shielded, Multiconductor, PVC, PVC



**UL CMR**  
**UL CL3R**  
**CSA CMR**

### Operating Temperature

- 20°C to +75°C

### Conductor Color Coding

- 1 Black, 2 Red, 3 White, 4 Green, 5 Brown, 6 Blue, 7 Orange, 8 Yellow, 9 Violet, 10 Slate

### Materials

- Stranded bare copper conductors
- PVC insulation
- Aluminum/polyester foil shield, 25% overlap min.  
Foil facing outward
- Stranded tinned copper drain wire one even AWG size smaller than conductor (except 24 AWG, which is the same size as the conductors)
- Slate PVC jacket

### Availability

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

#### 24 AWG (0.22 mm<sup>2</sup>)

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

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M239023	2	0.122	3.10	0.015	0.38
M239024	3	0.129	3.28	0.015	0.38
M239025	4	0.140	3.56	0.015	0.38

#### 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	
		Inch	mm	Inch	mm
M113226	2	0.134	3.40	0.015	0.38
M113227	3	0.142	3.61	0.015	0.38

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

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M113232	2	0.150	3.81	0.015	0.38
M113233	3	0.159	4.04	0.015	0.38

#### 18 AWG (0.89 mm<sup>2</sup>)

Stranding: 7/26 (7 x 0.40 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M113242	2	0.170	4.32	0.015	0.38
M113243	3	0.181	4.60	0.015	0.38
M113244	4	0.199	5.05	0.015	0.38

#### 16 AWG (1.32 mm<sup>2</sup>)

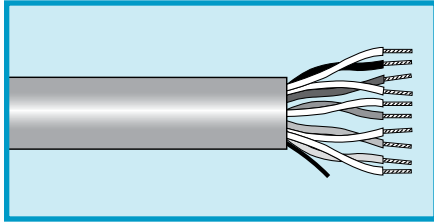
Stranding: 19/0.0117 (7 x 0.30 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M113247	2	0.192	4.88	0.015	0.38
M113248	3	0.204	5.18	0.015	0.38



# Manhattan™ Security and Data Cable

300 V Unshielded, Multipair, PVC, PVC



**UL CMR**  
**CSA CMR**

### Operating Temperature

- 20°C to +75°C

### Conductor Color Coding

- Chart A1 (page 516)

### Materials

- Stranded bare copper conductors
- PVC insulation
- Slate PVC jacket

### Availability

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

#### 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.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M2210	2	0.194	4.93	0.015	0.38
M2211	3	0.207	5.26	0.015	0.38
M2212	4	0.228	5.79	0.015	0.38

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

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M2222	2	0.220	5.59	0.015	0.38
M2223	3	0.235	5.97	0.015	0.38
M2224	4	0.260	6.60	0.015	0.38
M2226	6	0.317	8.05	0.015	0.38

#### 18 AWG (0.89 mm<sup>2</sup>)

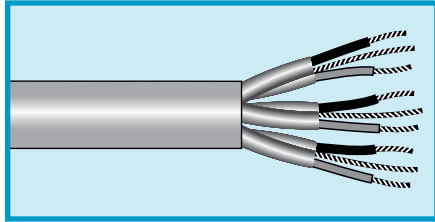
Stranding: 7/26 (7 x 0.40 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M2215	2	0.253	6.43	0.015	0.38
M2216	3	0.270	6.86	0.015	0.38
M2217	4	0.300	7.62	0.015	0.38



# Manhattan™ Security and Data Cable

300 V, Individually Foil Shielded Pairs, Multipair, PVC, PVC



**UL CMR**  
**CSA CMR**

### Operating Temperature

- -20°C to +75°C

### Conductor Color Coding

- Chart A1 (page 516)

### Materials

- Stranded bare copper conductors
- PVC insulation
- Aluminum/polyester foil shield, 25% overlap min. Foil facing inward
- Stranded tinned copper drain wire one even AWG size smaller than 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)

#### 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.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213102	2	0.229	5.82	0.020	0.51
M213103	3	0.244	6.20	0.020	0.51
M213104	4	0.269	6.83	0.020	0.51
M213106	6	0.325	8.26	0.020	0.51

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

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213142	2	0.257	6.53	0.020	0.51
M213143	3	0.274	6.96	0.020	0.51
M213144	4	0.303	7.70	0.020	0.51
M213146	6	0.367	9.32	0.020	0.51

#### 18 AWG (0.89 mm<sup>2</sup>)

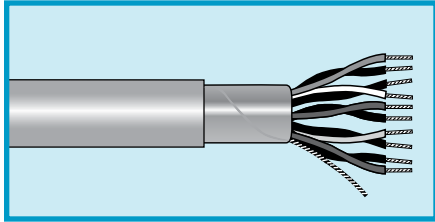
Stranding: 7/26 (7 x 0.40 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213172	2	0.292	7.42	0.020	0.51
M213173	3	0.312	7.92	0.020	0.51
M213174	4	0.345	8.76	0.020	0.51
M213176	6	0.420	10.67	0.020	0.51



# Manhattan™ Security and Data Cable

300 V Overall Foil Shield, Multipair, PVC, PVC



**UL CMR**  
**CSA CMR**

### Operating Temperature

- 20°C to +75°C

### Conductor Color Coding

- Chart A1 (page 516)

### Materials

- Stranded bare copper conductors
- PVC insulation
- Aluminum/polyester foil shield, 25% overlap min.  
Foil facing outward
- Stranded tinned copper drain wire one even AWG size smaller than conductor (except 24 AWG, which is the same size as the conductors)
- Slate PVC jacket

### Availability

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

## 24 AWG (0.22 mm<sup>2</sup>)

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

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213191	2	0.178	4.52	0.015	0.38
M213192	3	0.190	4.83	0.015	0.38
M213193	4	0.209	5.31	0.015	0.38

## 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.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213222	2	0.198	5.03	0.015	0.38
M213223	3	0.211	5.36	0.015	0.38
M213224	4	0.232	5.89	0.015	0.38

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

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213202	2	0.224	5.69	0.015	0.38
M213203	3	0.239	6.07	0.015	0.38
M213204	4	0.264	6.71	0.015	0.38
M213206	6	0.331	8.41	0.020	0.51

## 18 AWG (0.89 mm<sup>2</sup>)

Stranding: 7/26 (7 x 0.40 mm)  
Insulation thickness: 0.010 (0.25 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M213182	2	0.257	6.53	0.015	0.38
M213183	3	0.274	6.96	0.015	0.38
M213184	4	0.304	7.72	0.015	0.38

