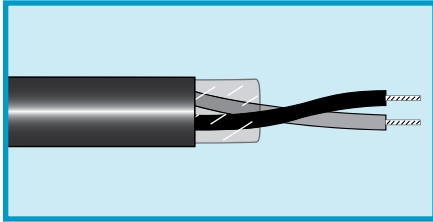


Manhattan™ Instrumentation Cable

300 V Unshielded Pairs, PVC, PVC



UL PLTC, ITC
UL CL3
CSA CMG FT4

Operating Temperature

- -20°C to +105°C

Conductor Color Coding

- Black, white

Materials

- Stranded bare copper conductors
- PVC insulation
- 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)

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
M9500010	1	0.215	5.46	0.038	0.97

18 AWG (0.82 mm²)

Stranding: 7/0.0152 (7 x 0.39 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9508010	1	0.235	5.97	0.038	0.97

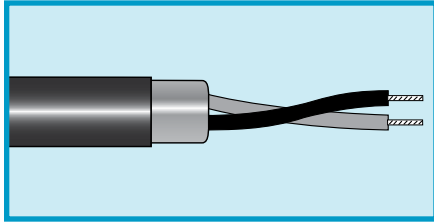
16 AWG (1.31 mm²)

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

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9506010	1	0.259	6.58	0.038	0.97

Manhattan™ Instrumentation Cable

300 V Overall Foil Shield, Pair, PVC, PVC



UL PLTC, ITC
UL CL3
CSA CMG FT4

Operating Temperature

- 20°C to +105°C

Conductor Color Coding

- Black, white

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 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)

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.013 (0.33 mm)
22 AWG (0.35 mm²) drain wire

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5610B2201	1	0.192	4.88	0.038	0.97

20 AWG (0.52 mm²)

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
M9520010	1	0.219	5.56	0.038	0.97

18 AWG (0.82 mm²)

Stranding: 7/0.0152 (7 x 0.39 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9528010	1	0.239	6.07	0.038	0.97

16 AWG (1.31 mm²)

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

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9526010	1	0.263	6.68	0.038	0.97

14 AWG (2.08 mm²)

Stranding: 7/0.0242 (7 x 0.62 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9524010*	1	0.303	7.70	0.043	1.09

*Not CMG approved.

12AWG (3.29 mm²)

Stranding: 19/0.0185 (7 x 0.47 mm)
Insulation thickness: 0.022 (0.56 mm)
16 AWG (1.31 mm²) drain wire

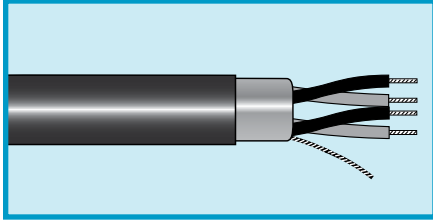
Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5610B1201*	1	0.368	9.35	0.045	1.14

*Not CMG approved.



Manhattan™ Instrumentation Cable

600 V Pairs, Overall Foil Shield, PVC/Nylon, PVC



UL TC

Operating Temperature

- -25°C to +90°C

Conductor Color Coding

- Chart BW (page 517)

Materials

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

Features

- UL Sunlight Resistant
- UL Direct Burial

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)

Stranding: 7/0.0121 (7 x 0.51 mm)
Insulation thickness: 0.013 (0.33 mm) PVC/0.003 (0.08 mm) nylon

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5616B2001	1	0.220	5.59	0.040	1.02

18 AWG (0.82 mm²)

Stranding: 7/0.0152 (7 x 0.31 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
M8528010	1	0.279	7.09	0.048	1.22
M8708020	2	0.396	10.06	0.050	1.27
M8708040	4	0.456	11.58	0.050	1.27
M8708060	6	0.572	14.53	0.065	1.65
M8708080	8	0.617	15.67	0.065	1.65
M8708120	12	0.737	18.72	0.065	1.65
M8708160	16	0.856	21.74	0.085	2.16
M8708240	24	1.025	26.04	0.085	2.16
M8708360	36	1.188	30.18	0.085	2.16
M8708500	50	1.356	34.44	0.085	2.16

16 AWG (1.31 mm²)

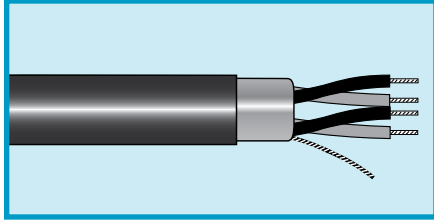
Stranding: 7/0.0192 (7 x 0.49 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8526010	1	0.303	7.70	0.048	1.22
M8706020	2	0.435	11.05	0.050	1.27
M8706040	4	0.504	12.80	0.050	1.27
M8706060	6	0.631	16.03	0.065	1.65
M8706080	8	0.682	17.32	0.065	1.65
M8706120	12	0.858	21.79	0.085	2.16
M8706160	16	0.949	24.10	0.085	2.16
M8706240	24	1.141	28.98	0.085	2.16
M8706360	36	1.325	33.66	0.085	2.16
M8706500	50	1.517	38.53	0.085	2.16



Manhattan™ Instrumentation Cable

600 V Pairs, Overall Foil Shield, PVC/Nylon, PVC



UL TC

Operating Temperature

- -25°C to +90°C

Conductor Color Coding

- Chart BW (page 517)

Materials

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

Features

- UL Sunlight Resistant
- UL Direct Burial

Availability

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

14 AWG (2.08 mm²)

Stranding: 7/0.0242 (7 x 0.61 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
M8524010	1	0.333	8.46	0.048	1.22
M8704020	2	0.484	12.29	0.050	1.27
M8704040	4	0.593	15.06	0.065	1.65
M8704060	6	0.706	17.93	0.065	1.65
M8704080	8	0.764	19.41	0.065	1.65
M8704120	12	0.961	24.41	0.085	2.16
M8704160	16	1.064	27.03	0.085	2.16
M8704240	24	1.286	32.66	0.085	2.16
M8704360	36	1.498	38.05	0.085	2.16
M8704500	50	1.778	45.16	0.115	2.92

12AWG (3.29 mm²)

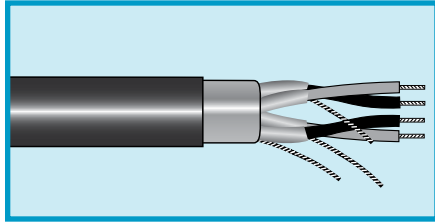
Stranding: 19/0.0185 (19 x 0.47 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5616B1201	1	0.374	9.50	0.050	1.27



Manhattan™ Instrumentation Cable

600 V Pairs, Overall and Individually Foil Shielded Pairs, PVC/Nylon, PVC



UL TC

Operating Temperature

- -25°C to +90°C

Conductor Color Coding

- Chart BW (page 517)

Materials

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

Features

- UL Sunlight Resistant
- UL Direct Burial

Availability

100 ft (30.5 m)

500 ft (152 m)

1000 ft (305 m)

Bulk, cut to length

(Minimums may apply)

18 AWG (0.82 mm²)

Stranding: 7/0.0152 (7 x 0.31 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
M8748020	2	0.429	10.90	0.050	1.27
M8748040	4	0.497	12.62	0.050	1.27
M8748060	6	0.622	15.80	0.065	1.65
M8748080	8	0.672	17.07	0.065	1.65
M8748120	12	0.806	20.47	0.065	1.65
M8748160	16	0.935	23.75	0.085	2.16
M8748200	20	1.020	25.91	0.085	2.16
M8748240	24	1.123	28.52	0.085	2.16
M8748360	36	1.306	33.17	0.085	2.16
M8748500	50	1.497	38.02	0.085	2.16

16 AWG (1.31 mm²)

Stranding: 7/0.0192 (7 x 0.49 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
M8746020	2	0.471	11.96	0.050	1.27
M8746040	4	0.577	14.66	0.065	1.65
M8746060	6	0.686	17.42	0.065	1.65
M8746080	8	0.742	18.85	0.065	1.65
M8746120	12	0.933	23.70	0.085	2.16
M8746160	16	1.034	26.26	0.085	2.16
M8746200	20	1.130	28.70	0.085	2.16
M8746240	24	1.247	31.67	0.085	2.16
M8746360	36	1.454	36.93	0.085	2.16
M8746500	50	1.730	43.94	0.115	2.92

14 AWG (2.08 mm²)

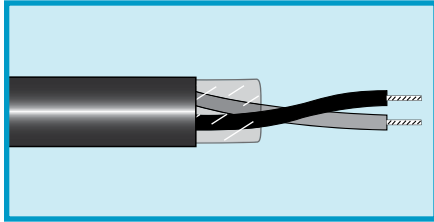
Stranding: 7/0.0242 (7 x 0.61 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8744020	2	0.523	13.28	0.050	1.27
M8744040	4	0.641	16.28	0.065	1.65
M8744060	6	0.765	19.43	0.065	1.65
M8744080	8	0.869	22.07	0.085	2.16
M8744120	12	1.043	26.49	0.085	2.16
M8744160	16	1.158	29.41	0.085	2.16
M8744200	20	1.267	32.18	0.085	2.16
M8744240	24	1.401	35.59	0.085	2.16
M8744360	36	1.638	41.61	0.085	2.16
M8744500	50	1.945	49.40	0.115	2.92



Manhattan™ Instrumentation Cable

600 V Unshielded Pairs, PVC/Nylon, PVC



UL TC

Operating Temperature

- -25°C to +90°C

Conductor Color Coding

- Black, white

Materials

- Stranded bare copper conductors
- PVC/nylon insulation
- Black PVC jacket

Features

- UL Sunlight Resistant
- UL Direct Burial

Availability

1000 ft (305 m)
Bulk, cut to length
(Minimums may apply)

18 AWG (0.82 mm²)

Stranding: 7/0.0152 (7 x 0.31 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
5606B1801	1	0.276	7.01	0.050	1.27

16 AWG (1.31 mm²)

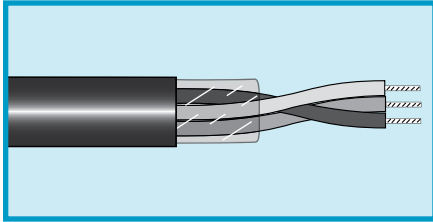
Stranding: 7/0.0192 (7 x 0.49 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5606B1601	1	0.300	7.62	0.050	1.27



Manhattan™ Instrumentation Cable

300 V Unshielded Triads, PVC, PVC



UL PLTC, ITC
UL CL3
CSA CMG FT4

Operating Temperature

- -20°C to +105°C

Conductor Color Coding

- Black, white, red

Materials

- Stranded bare copper conductors
- PVC insulation
- 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)

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

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9600010	1	0.226	5.74	0.038	0.97

18 AWG (0.81 mm²)

Stranding: 7/0.0152 (7 x 0.39 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9608010	1	0.247	6.27	0.038	0.97

16 AWG (1.31 mm²)

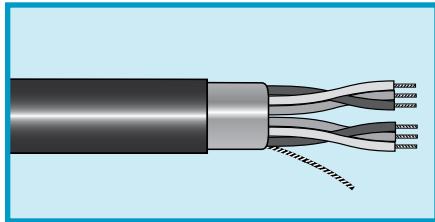
Stranding: 7/0.0192 (7 x 0.49 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9606010	1	0.293	7.44	0.038	0.97



Manhattan™ Instrumentation Cable

300 V Foil Shield, Triads, PVC, PVC



UL PLTC, ITC
UL CL3
CSA CMG FT4

Operating Temperature

- 20°C to +105°C

Conductor Color Coding

- Black, white, red

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
- 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)

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.013 (0.33 mm)
22 AWG (0.35 mm²) drain wire

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5640B2201	1	0.201	5.11	0.038	0.96

20 AWG (0.52 mm²)

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

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9620010	1	0.230	5.84	0.038	0.97
5640B2004	4	0.410	10.41	0.055	1.39
5640B2012	12	0.640	16.28	0.065	1.65

18 AWG (0.82 mm²)

Stranding: 7/0.0152 (7 x 0.39 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9628010	1	0.251	6.38	0.038	0.97

16 AWG (1.31 mm²)

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

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9626010	1	0.287	7.29	0.043	1.09

14 AWG (2.08 mm²)

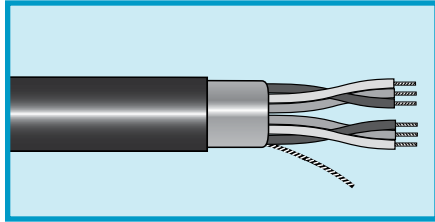
Stranding: 7/0.0242 (7 x 0.61 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9624010*	1	0.319	8.10	0.043	1.09

*Not CMG approved.

Manhattan™ Instrumentation Cable

300 V Overall and Individually Foil Shielded Triads, PVC, PVC



UL PLTC
CSA CMG FT4

Operating Temperature

- -20°C to +105°C
- -20°C to +60°C (CMG)

Conductor Color Coding

- Black, white, red
- White conductors are numbered

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
- Black PVC jacket

Features

- UL Sunlight Resistant

Availability

1000 ft (305 m)
Bulk, cut to length
(Minimums may apply)

20 AWG (0.51 mm²)

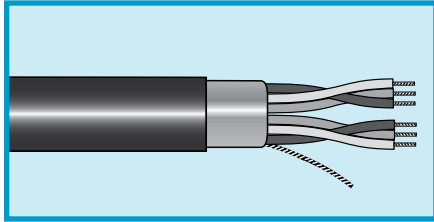
Stranding: 7/0.0121 (7 x 0.54 mm)
Insulation thickness: 0.013 (0.33 mm)
22 AWG (0.35 mm²) drain wire

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
5650B2004	4	0.458	11.63	0.055	1.39
5650B2008	8	0.586	14.88	0.055	1.39
5650B2012	12	0.723	18.36	0.065	1.65



Manhattan™ Instrumentation Cable

600 V Overall Foil Shield, Triads, PVC/Nylon, PVC



UL TC

Operating Temperature

- 25°C to +90°C

Conductor Color Coding

- Black, white, red
- White conductors are numbered

Materials

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

Features

- UL Sunlight Resistant
- UL Direct Burial

Availability

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

18 AWG (0.82 mm²)

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.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8628010	1	0.293	7.44	0.048	1.22
M8808020	2	0.450	11.43	0.050	1.27
M8808040	4	0.552	14.02	0.065	1.65
M8808080	8	0.708	17.98	0.065	1.65
M8808120	12	0.890	22.61	0.085	2.16
M8808240	24	1.186	30.12	0.085	2.16

16 AWG (1.31 mm²)

Stranding: 7/0.0192 (7 x 0.49 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8626010	1	0.319	8.10	0.048	1.22
M8806020	2	0.497	12.62	0.050	1.27
M8806040	4	0.609	15.47	0.065	1.65
M8806080	8	0.785	19.94	0.065	1.65
M8806120	12	0.987	25.07	0.085	2.16
M8806240	24	1.323	33.60	0.085	2.16

14 AWG (2.08 mm²)

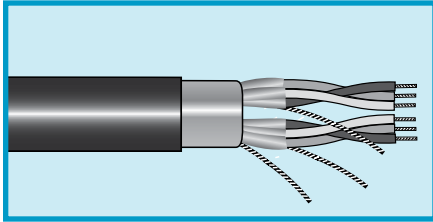
Stranding: 7/0.0242 (7 x 0.62 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8624010	1	0.351	8.92	0.048	1.22
M8804020	2	0.585	14.86	0.065	1.65
M8804040	4	0.680	17.27	0.065	1.65
M8804080	8	0.923	23.44	0.085	2.16
M8804120	12	1.109	28.17	0.085	2.16
M8804240	24	1.495	37.97	0.085	2.16



Manhattan™ Instrumentation Cable

600 V Overall and Individually Foil Shielded Multitriads, PVC/Nylon, PVC



UL TC

Operating Temperature

- -25°C to +90°C

Conductor Color Coding

- Black, white, red
- White conductors are numbered

Materials

- Stranded bare copper conductors
- PVC/nylon insulation
- Aluminum/polyester foil shield, 25% overlap min., on both individual triads and overall cable
- Foil facing inward
- Stranded tinned copper drain wire one even AWG size smaller than conductor
- Black PVC jacket

Features

- UL Sunlight Resistant
- UL Direct Burial

Availability

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

18 AWG (0.81 mm²)

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.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8848020	2	0.501	12.73	0.050	1.27
M8848040	4	0.614	15.60	0.065	1.65
M8848080	8	0.832	21.13	0.085	2.16
M8848120	12	0.996	25.30	0.085	2.16
M8848240	24	1.336	33.93	0.065	2.16

16 AWG (1.31 mm²)

Stranding: 7/0.0192 (7 x 0.49 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8846020	2	0.583	14.81	0.065	1.65
M8846040	4	0.677	17.20	0.065	1.65
M8846080	8	0.918	23.32	0.085	2.16
M8846120	12	1.104	28.04	0.085	2.16
M8846240	24	1.488	37.80	0.085	2.16

14 AWG (2.08 mm²)

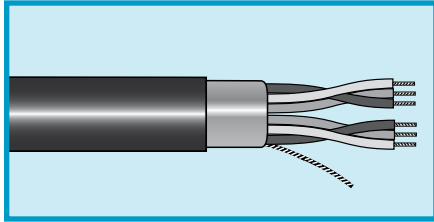
Stranding: 7/0.0242 (7 x 0.61 mm)
Insulation thickness: 0.016 (0.41 mm) PVC/0.005 (0.13 mm) nylon

Part No.	Triads	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M8844020	2	0.648	16.46	0.065	1.65
M8844040	4	0.755	19.18	0.065	1.65
M8844080	8	1.026	26.06	0.085	2.16
M8844120	12	1.238	31.45	0.085	2.16
M8844240	24	1.738	44.15	0.115	2.92



Manhattan™ Instrumentation Cable

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



UL PLTC, ITC
UL CL3
CSA CMG FT4

Operating Temperature

- 20°C to +105°C

Conductor Color Coding

- Chart BW (page 517)

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 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

*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.

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

*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.

16 AWG (1.31 mm²)

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

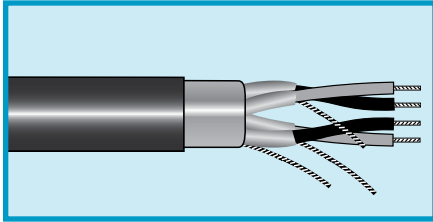
Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9706020	2	0.409	10.39	0.053	1.35
M9706040	4	0.471	11.96	0.053	1.35
M9706060	6	0.559	14.20	0.053	1.35
M9706080	8	0.639	16.23	0.063	1.60
M9706120	12	0.747	18.97	0.063	1.60
M9706160	16	0.829	21.06	0.063	1.60
M9706240	24	1.023	25.98	0.073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

*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.



Manhattan™ Instrumentation Cable

300 V Overall and Individually Foil Shielded Pairs, 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 517)

Materials

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

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
M9740020	2	0.349	8.86	0.045	1.14
M9740040	4	0.427	10.85	0.053	1.35
M9740060	6	0.493	12.52	0.053	1.35
M9740080	8	0.539	13.69	0.053	1.35
M9740120	12	0.643	16.33	0.063	1.60
M9740160	16	0.724	18.39	0.063	1.60
5620B2020**	20	0.752	19.10	0.065	1.65
M9740240	24	0.882	22.40	0.073	1.85
M9740360	36	1.011	25.68	0.073	1.85
M9740500	50	1.169	29.69	0.073	1.85

*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.

**0.013 (0.33 mm) insulation thickness.

18 AWG (0.82 mm²)

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

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M9748020	2	0.401	10.19	0.053	1.35
M9748040	4	0.463	11.76	0.053	1.35
M9748060	6	0.547	13.89	0.053	1.35
M9748080	8	0.616	15.65	0.063	1.60
M9748120	12	0.712	18.08	0.063	1.60
M9748160	16	0.805	20.45	0.063	1.60
5620B1820	20	0.921	23.36	0.075	1.91
M9748240	24	0.983	24.97	0.073	1.85
M9748360	36	1.130	28.70	0.073	1.85
M9748500	50	1.349	34.26	0.083	2.11

*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.

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
M9746020	2	0.441	11.20	0.053	1.35
M9746040	4	0.512	13.00	0.053	1.35
M9746060	6	0.630	16.00	0.063	1.60
M9746080	8	0.690	17.53	0.063	1.60
M9746120	12	0.819	20.80	0.063	1.60
M9746160	16	0.929	23.60	0.073	1.85
M9746240	24	1.123	28.52	0.073	1.85
M9746360	36	1.328	33.73	0.083	2.11
M9746500	50	1.521	38.63	0.083	2.11

*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.

