

INDUSTRY-STANDARD METALLIC EMI/RFI Braided Shielding



100-002 silver/copper braid



- Soft-drawn silver-plated copper braid
- EMI frequency effective from 10KHz to 1 GHz
- 200°C temperature tolerant
- 125 lbs. pull strength (.500 dia. braid)
- Good corrosion resistance



Industry-standard silver-plated copper braid is a special-purpose material for EMI/RFI shielding with improved high-temperature tolerance compared to standard tin-plated copper braid. Typically used for temperature applications above 150°C, the material also offers a shiny, bright surface appearance.

100-002 TUBULAR METAL BRAID QQ-B-575B/A-A-59569 ASTM B298 DRAWN SILVER PLATED COPPER

How To Order				
Sample Part Number	100-002	A	203	L
Basic No.	Silver/Copper Braid			
Wire Gage Code	A = 36 AWG B = 34 AWG (consult factory) D = 30 AWG (consult factory) E = 38 AWG (consult factory)			
Braid Diameter No.	See Tables I or II			
Lanyard Option	L = with lanyard Omit = no lanyard			

Table I: 36 AWG					
Dash No.	Nominal I.D.	Carriers per Layer	Ends per Layer	Current Rating Amps	Lbs. per 100 ft.
031	.031 (0.8)	24	24	7.0	.20
062	.062 (1.6)	24	48	11.0	.40
078	.078 (2.0)	24	72	16.0	.60
109	.109 (2.8)	24	96	19.0	.83
125	.125 (3.2)	24	120	25.0	1.03
156	.156 (4.0)	24	240	40.0	2.09
171	.171 (4.3)	24	168	32.0	1.43
188	.188 (4.8)	24	192	33.0	1.63
203	.203 (5.2)	24	312	46.0	2.80
250	.250 (6.4)	24	384	53.0	3.45
281	.281 (7.1)	24	216	35.0	1.80
375	.375 (9.5)	48	384	53.0	3.95
500	.500 (12.7)	48	528	62.0	4.77
625	.625 (15.9)	48	720	85.0	5.94
750	.750 (19.1)	48	864	88.0	7.35
781	.781 (19.8)	48	864	88.0	7.35
937	.937 (23.8)	64	640	65.0	5.83
1000	1.000 (25.4)	64	768	90.0	7.50
1250	1.250 (31.8)	72	792	93.0	7.73
1375	1.375 (34.9)	72	864	106.0	8.43
1500	1.500 (38.1)	72	936	110.0	9.13
2000	2.000 (50.8)	96	1152	135.0	11.24
2500	2.500 (63.5)	96	1248	146.0	12.18

Table II: 34 AWG					
Dash No.	Nominal I.D.	Carriers per Layer	Ends per Layer	Current Rating Amps	Lbs. per 100 ft.
062	.062 (1.6)	16	32	18.0	.43
109	.109 (2.8)	16	64	29.0	.82
125	.125 (3.2)	24	72	30.0	.92
171	.171 (4.3)	24	120	46.0	1.56
203	.203 (5.2)	24	192	59.0	2.79
250	.250 (6.4)	24	192	60.0	2.85
375	.375 (9.5)	48	240	69.0	3.27
437	.437 (11.1)	48	288	76.0	3.93
500	.500 (12.7)	48	336	82.0	4.77
781	.781 (19.8)	48	528	88.0	7.14
1000	1.000 (25.4)	64	576	95.0	7.33
1250	1.250 (31.8)	72	648	108.0	8.23

NOTES

1. Direct current ratings are given for information only. Values shown are for uninsulated braid in free air, at 30°C (86°F). Actual values will depend on permissible temperature rise, voltage drop and other conditions of service. Values should be de-rated if the braid is insulated or in close contact with other components.
2. Material/Finish:
 Braid - Copper/Silver plated IAW QQ-B-575B, ASTM298 Class C
 Lanyard - Synthetic fiber

Mouser Electronics

Authorized Distributor

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