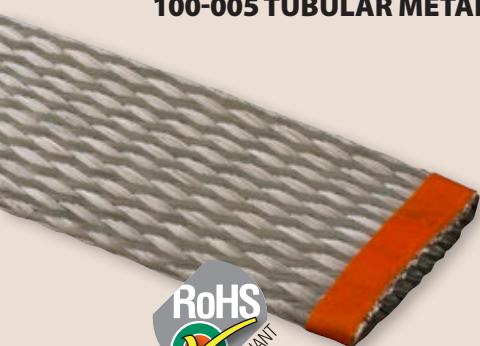


INDUSTRY-STANDARD METALLIC EMI/RFI Braided Shielding

100-005 tin-plated copper-clad steel braid



- Soft-drawn tin-plated copper-clad steel braid
- Good H Field EMI frequency effectiveness
- 175°C temperature tolerant
- 175 lbs. pull strength (.500 dia. braid)
- 96 hours salt spray corrosion resistant
- Good abrasion resistance



Multilaminar tin-plated copper-clad steel braid is an extremely versatile material. The steel core provides a strong, high tensile strength base for the more conductive copper cladding. Exterior tin plating prevents oxidation and corrosion.

A

100-005 TUBULAR METAL BRAID DRAWN TIN-PLATED COPPER-CLAD STEEL

How To Order				
Sample Part Number	100-005	A	203	L
Basic No.	Tin-plated copper-covered steel braid			
Wire Gage Code	A = 36 AWG B = 34 AWG			
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
031	.031 (0.8)	24	24
062	.062 (1.6)	24	48
078	.078 (2.0)	24	72
109	.109 (2.8)	24	96
125	.125 (3.2)	24	120
156	.156 (4.0)	24	240
171	.171 (4.3)	24	168
188	.188 (4.8)	24	192
203	.203 (5.2)	24	312
250	.250 (6.4)	24	384
375	.375 (9.5)	48	384
500	.500 (12.7)	48	528
562	.562 (14.3)	48	624
625	.625 (15.9)	48	720
781	.781 (19.8)	48	864
937	.937 (23.8)	64	640
1000	1.000 (25.4)	64	768
1125	1.125 (28.6)	72	792
1250	1.250 (31.8)	72	792
1375	1.375 (34.9)	72	864
1500	1.500 (38.1)	72	936
2000	2.000 (50.8)	96	1152
2500	2.500 (63.5)	96	1248
3000	3.000 (76.2)	96	1440

Table II: 34 AWG			
Dash No.	Nominal I.D.	Carriers per Layer	Ends per Layer
062	.062 (1.6)	16	32
109	.109 (2.8)	16	64
125	.125 (3.2)	24	72
171	.171 (4.3)	24	120
203	.203 (5.2)	24	192
375	.375 (9.5)	48	240
437	.437 (11.1)	48	288
500	.500 (12.7)	48	336
781	.781 (19.8)	48	528
1000	1.000 (25.4)	64	576
1250	1.250 (31.8)	72	648
1500	1.500 (38.1)	72	720
1750	1.750 (44.4)	72	864
2000	2.000 (50.8)	72	1008

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. For current rating and weight, consult factory
3. Material/Finish:
Braid - Tin-plated copper-covered steel ASTM B520
Lanyard - Synthetic fiber