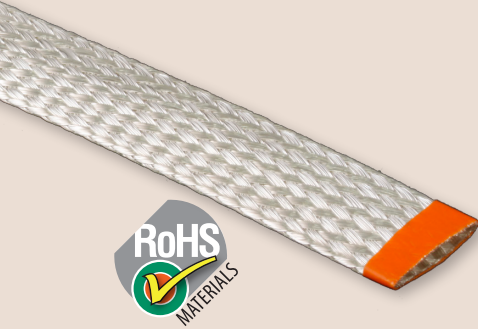


INDUSTRY-STANDARD METALLIC EMI/RFI Braided Shielding

100-252 silver/copper braid



100-252 SINGLE LAYER TUBULAR, SILVER/COPPER BRAID; 80 µIN SILVER



How To Order			
Sample Part Number	100-252	-36	-008
Basic No.	Silver/Copper Braid		
Wire Gage Code	-36 = 36 AWG (Consult factory for other AWG sizes)		
Braid Diameter No.	See Tables I and II		



- 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
- Red Plague mitigation: 80 µin silver plating

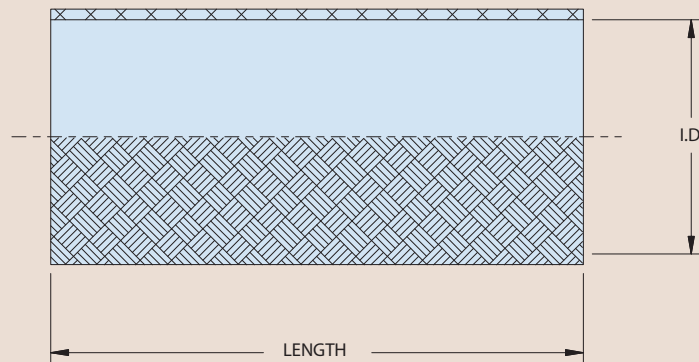


Table I: 36 AWG					
Dash No.	Nominal I.D.	Carriers per Layer	Ends per Layer	Current Rating Amps	Lbs. per 100 ft.
001	.031 (0.79)	24	24	8.1	.19
002	.062 (1.57)	24	48	12.8	.39
004	.125 (3.18)	24	120	23.5	1.00
008	.250 (6.35)	24	384	50.6	3.35
012	.375 (9.52)	48	384	50.6	3.35
016	.500 (12.70)	48	528	62.4	4.67
020	.625 (15.88)	48	720	76.6	6.50
024	.750 (19.05)	48	816	83.3	7.41
032	1.000 (25.40)	64	768	80.0	7.46
040	1.250 (31.75)	72	792	81.6	7.79
048	1.500 (38.10)	72	936	91.2	9.67

NOTES

1. Direct current rating 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 80 microinch min per ASTM B298