

**100-003**  
**Tubular Metal Braid ASTM B355 Class 4 OFHC**  
**Nickel Plated Copper**  
**for EMI Shielding Applications**



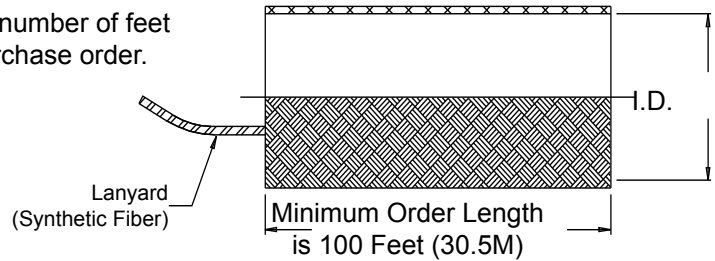
**Product Series**  
**100-003**

**Dash Number**  
**A 203 L**

**Lanyard**  
*(Omit for None)*

A = 36 AWG (Table I)  
 B = 34 AWG (Table II)

Specify number of feet on purchase order.



**TABLE I: (36 AWG)**

Dash No.	Fractional Equivalent	Nominal I.D.	No. of Carriers	No. of Ends	Current Rating Amps	Lbs./100 Ft. (Kg/30.5M)
031	1/32	.031 (0.8)	24	24	7.0	.20 (.09)
062	1/16	.062 (1.6)	24	48	11.0	.40 (.18)
078	5/64	.078 (2.0)	24	72	16.0	.60 (.27)
109	7/64	.109 (2.8)	24	96	19.0	.83 (.38)
125	1/8	.125 (3.2)	24	120	25.0	1.03 (.47)
156	5/32	.156 (4.0)	24	240	40.0	2.09 (.95)
171	11/64	.171 (4.3)	24	168	32.0	1.43 (.65)
188	3/16	.188 (4.8)	24	192	33.0	1.63 (.74)
203	13/64	.203 (5.2)	24	312	46.0	2.80 (1.27)
250	1/4	.250 (6.4)	24	384	53.0	3.45 (1.56)
375	3/8	.375 (9.5)	48	384	53.0	3.95 (1.79)
500	1/2	.500 (12.7)	48	528	62.0	4.77 (2.16)
562	9/16	.562 (14.3)	48	624	73.0	5.00 (2.27)
625	5/8	.625 (15.9)	48	720	85.0	5.94 (2.69)
781	25/32	.781 (19.8)	48	864	88.0	7.35 (3.33)
937	15/16	.937 (23.8)	64	640	65.0	5.83 (2.64)
1000	1	1.000 (25.4)	64	768	90.0	7.50 (3.40)
1250	1 1/4	1.250 (31.8)	72	792		
1375	1 3/8	1.375 (34.9)	72	864		
1500	1 1/2	1.500 (38.1)	72	936		
2000	2	2.000 (50.8)	96	1152		
2500	2 1/2	2.500 (63.5)	96	1248		

**TABLE II: (34 AWG)**

Dash No.	Fractional Equivalent	Nominal I.D.	No. of Carriers	No. of Ends	Current Rating Amps	Lbs./100 Ft. (Kg/30.5M)
062	1/16	.062 (1.6)	16	32	11.0	.43 (.20)
109	7/64	.109 (2.8)	16	64	19.0	.82 (.37)
125	1/8	.125 (3.2)	24	72	19.0	.92 (.42)
171	11/64	.171 (4.3)	24	120	36.0	1.56 (.71)
203	13/64	.203 (5.2)	24	192	46.0	2.79 (1.27)
375	3/8	.375 (9.5)	48	240	53.0	3.27 (1.48)
437	7/16	.437 (11.1)	48	288	44.2	3.93 (1.78)
500	1/2	.500 (12.7)	48	336	62.0	4.77 (2.16)
781	25/32	.781 (19.8)	48	528	88.0	7.14 (3.24)
1000	1	1.000 (25.4)	64	576	150.0	7.33 (3.33)
1250	1 1/4	1.250 (31.8)	72	648		

**APPLICATION NOTES**

- Direct current ratings are given for information only. Values shown are for uninsulated braid in free air at 86°F (30°C). 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.
- Consult factory for sizes not shown
- Metric dimensions (mm) are indicated in parentheses.



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Glenair:

[100-003B375](#) [100-003A-250](#) [100-003A203](#) [100-003A375](#) [100-003B125](#) [100-003B375L](#) [100-003A500](#) [100-003A078](#) [100-003A781](#) [100-003B156](#) [100-003B437](#) [100-003A1125](#) [100-003A1500](#) [100-003A562](#) [100-003B203](#) [100-003A062](#) [100-003A109](#) [100-003A031](#) [100-003A171](#) [100-003A937](#) [100-003A625](#) [100-003A1250](#) [100-003A125](#) [100-003A109L](#) [100-003A1000](#) [100-003A156](#) [100-003A188](#) [100-003A2000](#) [100-003B500](#) [100-003D1125](#) [100-003D625](#) [100-003D1375](#) [100-003A250](#) [100-003A750](#) [100-003D1000](#) [100-003D281](#) [100-003B1000](#) [100-003D875](#) [100-003D437](#) [100-003D656](#) [100-002B1000](#) [100-002B250](#) [100-003A1750](#)