

# WIRE MANAGEMENT PRODUCTS

## TINNED COPPER BRAID

### FLAT, OVAL

QQ-W-343E

QQ-B-575B

### CHOOSE TINNED COPPER BRAID FOR:

- Ground/Shielding Terminations

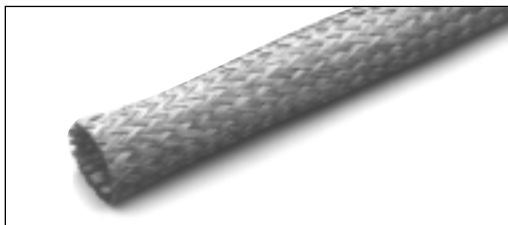
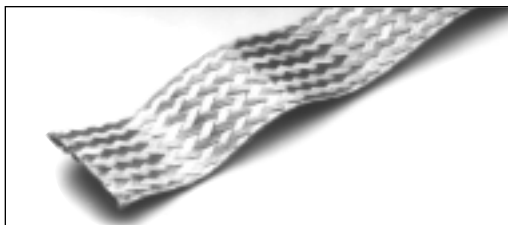
### TINNED COPPER BRAID APPLICATIONS:

- Point-to-Point Ground Path
- Wire/Cable Shielding

### CHARACTERISTICS

#### PRODUCT DESCRIPTION:

- Flat or Oval Shaped Tinned Copper Braid



#### SHIELDING, GROUND STRAP:

A tight weave of multi-strand, soft drawn tinned copper wire; tinned copper braid is an ideal shielding material for short-run cables providing easy radial termination. In retrofit applications, provides additional shielding efficiency. Tinned copper flat braid, used as a ground strap, provides an excellent, low-resistance ground path.

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### TINNED COPPER FLAT BRAID

Alpha Part No.	Nom. Flat Width		Nom. Thickness		Braid Construction			Approx. AWG Equiv.	Nom. Circular Mil Area, CM	Approx. Current Carrying Cap. (Amps)†	Standard Package Spools Ft.
	Inches	mm	Inches	mm	AWG of Indiv. Ends	Carriers	Total No. of Indiv. Ends				
1221	0.025	0,63	0.015	0,38	36	8	8	27	200	4	100, 500, 1000
1222	1/32	0,79	0.020	0,50	36	16	16	24	400	6	100, 500, 1000
1223†	3/64	1,19	0.020	0,50	36	24	24	22	600	7	100, 500, 1000
1224	3/32	2,38	0.020	0,50	36	16	48	19	1200	11	100, 500, 1000
1229†	1/8	3,18	0.020	0,50	36	24	72	18	1800	16	100, 500, 1000
1230†	3/16	4,76	0.020	0,50	36	24	120	15	3000	25	100, 500, 1000
1231†	1/4	6,35	0.030	0,76	36	24	168	14	4200	32	100, 500, 1000
1232	3/8	9,53	0.030	0,76	36	48	288	12	7200	46	100, 500, 1000
1233/2	1/2	12,70	0.030	0,76	36	48	384	10	9600	53	100, 500, 1000
1233†	5/8	15,90	0.030	0,76	36	48	384	10	9600	53	100, 500, 1000
1234	3/4	19,10	0.040	1,02	36	48	864	7	20800	85	100, 500, 1000
1235	1	25,40	0.045	1,14	36	48	864	7	20800	85	100, 500, 1000
1239†	1-3/8	34,90	0.050	1,27	30	48	336	5	33700	100	100, 500, 1000
1240†	1-1/2	38,10	0.060	1,52	30	48	528	3	53064	150	100
1241	1-3/4	44,50	0.080	2,03	30	48	1248	2/0	125424	280	100
1242	2	50,80	0.120	3,05	30	48	1436	3/0	154368	310	100
1242/4	3	76,20	0.200	5,08	30	48	2256	4/0	225000	390	100

### SPECIFICATIONS

- QQ-W-343E
- ASTM-B-33
- † Meets QQ-B-575B

### TINNED COPPER OVAL BRAID

Alpha Part No.	Nom. I.D. When Rounded		Braid Construction			Approx. AWG Equiv.	Nom. Circular Mil Area, CM	Approx. Current Carrying Cap. (Amps)†	Standard Package Spools Ft.
	Inches	mm	AWG of Indiv. Ends	Carriers	Total No. of Indiv. Ends				
2132	1/16	1,59	34	16	32	19	1192	11	100, 500, 1000
2138	11/64	4,37	34	24	120	14	4770	32	100, 500, 1000
2140	3/16	4,76	34	24	144	13	5724	38	100, 500
2142	1/4	6,35	34	24	168	12	6678	41	100, 500
2144	3/8	9,53	34	24	192	11	7632	46	100, 500
2146	1/2	12,70	34	48	336	9	13356	62	100
2148	5/8	15,88	34	48	384	8	14264	64	100
2150	11/16	17,46	34	48	480	7	19080	81	100
2152	25/32	19,84	34	48	528	7	20988	85	100

†Values shown are for bare cable in free air at 30°C (86°F) and intended as a reference guide only. Actual values will depend on permissible temperature rise, permissible voltage drop and other conditions of service.