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TINNED COPPER OVAL BRAID

GENERAL USES: Oval braid has a specific current carrying capacity. High currents are easily carried at low voltages. Typically used as a ground strap or to add shielding to wires or cables. Shielding is achieved by insertion of the wire or cable into the braid or by inserting a shielded cable to maximize the braid coverage. Braid provides a low resistance path to ground.

Values and dimensions are approximate.

PART NUMBER	AWG SIZE	CIRCULAR MIL AREA	NOM. AMPS	NOMINAL OVAL/	ID/OD FLAT	AWG WIRES	NO. OF WIRES
94090	22	635	7	0.016	0.031	16	34
94085	20	952	9	0.032	0.062	24	34
94080	19	1192	11	0.062	0.094	32	34
94075	16	2540	19	0.109	0.125	64	34
94070	15	2858	22	0.125	0.156	72	34
94065	14	3800	27	0.156	0.219	96	34
94060	14	4770	32	0.172	0.250	120	34
94055	13	5724	38	0.187	0.250	144	34
94050	12	6678	41	0.250	0.312	168	34
94045	11	7632	46	0.312	0.375	192	34
94040	9	13356	62	0.500	0.687	336	34
94035	8	14264	64	0.625	0.750	384	34
94030	7	19080	81	0.687	0.875	480	34
94025	7	20988	83	0.781	0.937	528	34
94020	7	22900	85	0.875	1.000	576	34
94017	4	38400	110	1.000	1.250	384	30
94014	4	43200	130	1.125	1.312	432	30
94012	3	48000	145	1.250	1.437	480	30
94010	3	52800	150	1.375	1.500	528	30
94008	3	57600	163	1.500	1.625	576	30
94000	2	67200	165	1.875	2.000	672	30
94004	1	76800	190	2.125	2.375	768	30

The direct Current ratings are intended as a reference guide only. The values listed are for non-insulated braid in free air at 3OC/86F. Values should be derated if the braid is insulated or in close contact with other components. Actual values will depend on a temperature rise and/or a voltage drop in addition to all other factors of service.
OPTIONS: Available in bare copper, Silver plated copper, Nickel plated copper or some sizes in Stainless steel. See chart under wire specifications. Conforms to Federal Specification QQ-B-575 although some sizes are not listed. Braid is manufactured to achieve a 90% coverage.