

TINNED COPPER TUBULAR BRAID

GENERAL USES: Tubular 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 a wire or cable. Shielding is achieved by insertion of the wire or cable into the braid or inserting a shielded cable to maximize 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 ID WHEN ROUNDED	NO OF WIRES	AWG OF WIRES
96090	22	600	7	0.031	24	36
96086	19	1200	11	0.062	48	38
96085	19	1351	11	0.062	32	34
96080	18	1800	16	0.078	72	36
96075	16	2400	16	0.109	96	36
96077	16	2544	19	0.109	64	36
96070	15	3000	25	0.125	120	34
96063	15	3800	27	0.125	72	34
96060	14	4200	32	0.171	168	36
96062	14	4770	32	0.171	120	34
96061	13	5724	38	0.188	144	34
96065	12	6000	40	0.156	240	36
96059	12	6700	41	0.250	168	34
95055	11	7630	46	0.203	192	34
96054	11	7800	46	0.203	312	36
96052	10	9540	52	0.375	240	34
96050	10	9600	52	0.250	384	36
96040	10	9600	52	0.375	384	36
96045	9	12000	60	0.281	120	30
96030	9	13200	62	0.500	528	36
96019	9	13356	62	0.500	336	34
96018	8	14264	64	0.625	384	34
96017	7	19080	81	0.687	480	34
96016	7	21000	85	0.781	528	34
96015	7	21600	88	0.781	864	36
96035	6	24000	90	0.437	240	30
96010	5	33600	100	0.875	360	30
96007	5	36000	110	0.500	360	30
96005	4	38600	120	1.000	384	30
96000	4	43200	130	1.125	432	30
96024	3	48000	145	1.250	480	30

96025	3	48240	145	0.562	480	30
96023	3	52800	150	1.375	528	30
96022	2	57600	165	1.500	576	30
96021	2	67200	165	2.000	672	30
96020	1	77180	190	1.500	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 30C/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. Some sizes are available in stainless steel. Most sizes meet Federal Specification QQ-B-575. Braid is manufactured to achieve a 90% coverage.