

Solid Uninsulated Conductor

Solid Copper Bus Bar



IEWC Part Number	AWG	Stranding	Nominal O.D.		Approx. Weight		Hard Drawn Min Breaking Strength (lbs)	Soft Drawn Min Breaking Strength (lbs)	Soft Drawn Nominal Resistance @ 20°C (Ohm/1000ft)
			in	mm	lbs/1k ft	kg/km			
UN36S	36	Solid	0.005	0.1	0	0	1.1	0.69	414.8
UN34S	34	Solid	0.006	0.2	0	0	1.7	1.1	260.5
UN32S	32	Solid	0.008	0.2	0	0	2.7	1.7	164.1
UN30S	30	Solid	0.010	0.3	0	0	4.5	2.9	98.71
UN28S	28	Solid	0.013	0.3	0	1	6.9	4.4	64.91
UN26S	26	Solid	0.016	0.4	1	1	11	7	40.82
UN24S	24	Solid	0.020	0.5	1	2	17	11	25.67
UN22S	22	Solid	0.025	0.6	2	3	28	18	16.14
UN20S	20	Solid	0.032	0.8	3	5	44	28	10.15
UN18S	18	Solid	0.040	1.0	5	7	70	45	6.386
UN16S	16	Solid	0.051	1.3	8	12	112	71	4.016
UN14S	14	Solid	0.064	1.6	12	18	177	113	2.526
UN12S	12	Solid	0.081	2.1	20	29	282	180	1.588
UN10S	10	Solid	0.102	2.6	31	47	449	285	0.9988
UN08S	8	Solid	0.129	3.3	50	74	713	454	0.6281
UN06S	6	Solid	0.162	4.1	79	118	1134	721	0.3952
UN04S	4	Solid	0.204	5.2	126	188	1803	1147	0.2485

Notes

- Bare copper conductor
- RoHS Compliant

Alternative Constructions

- Tinned copper conductor
- Oxygen-Free High Conductivity (OFHC)
- Magnet wire

Available Certifications

ASTM B-1 (Hard Drawn)
 ASTM B-2 (Medium Hard Drawn)
 ASTM B-3 (Soft or Annealed)
 ASTM B-33 (Tinned Soft or Annealed)
 REA/RUS Approved
 Federal Spec: AA59551, QQ-W-343

Applications

For use in bus bar and grounding applications.