

18-4/0 AWG Wire and Cable Specifications

Wire Size	Nominal O.D.	Wire Diameter	Stranding No. of 30 AWG	Cir. Mil Area	Ohms per 1000'	mm ²	Wt. per 1000'
18 AWG .08 mm ²	7/64"	2.7 mm	16	1600	6.48	.08	12 lbs 5.4 kg
16 AWG 1 mm ²	1/8"	3.2 mm	26	2600	4.00	1.31	16 lbs 7.3 kg
14 AWG 2 mm ²	9/64"	3.6 mm	41	4100	2.53	2.08	23 lbs 10.4 kg
12 AWG 3 mm ²	5/32"	4.0 mm	65	6500	1.75	3.31	31 lbs 14 kg
10 AWG 5 mm ²	7/32"	5.6 mm	105	10,500	1.00	5.26	44 lbs 20 kg
8 AWG 8 mm ²	5/16"	7.9 mm	168	16,800	0.62	8.37	86 lbs 39 kg
6 AWG 13 mm ²	11/32"	8.7 mm	266	26,600	0.40	13.30	118 lbs 53.5 kg
4 AWG 21 mm ²	13/32"	10.3 mm	420	42,000	0.24	21.15	178 lbs 81 kg
2 AWG 34 mm ²	15/32"	11.9 mm	665	66,500	0.16	33.62	277 lbs 126 kg
1 AWG 42 mm ²	17/32"	13.5 mm	836	83,690	0.13	42.38	350 lbs 159 kg
1/0 AWG 53 mm ²	9/16"	14.3 mm	1064	105,600	0.10	53.49	437 lbs 198 kg
2/0 AWG 68 mm ²	5/8"	15.9 mm	1330	133,000	0.08	67.43	549 lbs 249 kg
3/0 AWG 85 mm ²	11/16"	17.5 mm	1665	167,800	0.06	85.01	675 lbs 306 kg
4/0 AWG 107 mm ²	13/16"	20.6 mm	2109	211,600	0.05	107.20	837 lbs 380 kg

