

Approx. Diameters of Solid and Stranded Wires

NOT an ASTM Specification

Overall Diameter of stranded cables depends on the strand size.

For this reason this chart can only be used as an approximation

Awg. Size	Metric Wire Size mm ²	Solid or Stranded	Approx. Diameters	
			in	mm
-	0.5	Stranded	0.032	0.81
20	-	Stranded	0.036	0.91
-	0.75	Stranded	0.039	0.99
18	-	Solid	0.04	1.02
18	-	Stranded	0.046	1.16
-	1	Solid	0.045	1.14
-	1	Stranded	0.051	1.3
16	-	Solid	0.051	1.29
16	-	Stranded	0.058	1.46
-	1.5	Solid	0.055	1.4
-	1.5	Stranded	0.063	1.6
14	-	Solid	0.064	1.63
14	-	Stranded	0.073	1.84
-	2.5	Solid	0.071	1.8
-	2.5	Stranded	0.081	2.06
12	-	Solid	0.081	2.05
12	-	Stranded	0.092	2.32
-	4	Solid	0.089	2.26
-	4	Stranded	0.102	2.59
10	-	Solid	0.102	2.59
10	-	Stranded	0.116	2.93
-	6	Solid	0.109	2.77
-	6	Stranded	0.126	3.21
9	-	Solid	0.1144	2.91
9	-	Stranded	0.13	3.3
8	-	Solid	0.128	3.26
8	-	Stranded	0.146	3.7
-	10	Solid	0.141	3.58
-	10	Stranded	0.162	4.12
7	-	Solid	0.144	3.67
7	-	Stranded	0.164	4.15
6	-	Solid	0.162	4.11
6	-	Stranded	0.184	4.66
-	16	Stranded	0.204	5.18
5	-	Stranded	0.206	5.24
4	-	Stranded	0.232	5.88
-	25	Stranded	0.255	6.48
-	25	Stranded	0.26	6.6
3	-	Stranded	0.26	6.61
2	-	Stranded	0.292	7.42
-	35	Stranded	0.3	7.62
-	35	Stranded	0.305	7.75
1	-	Stranded	0.332	9.43

Prepared by www.AV-Outlet.com